



CHELSEA® POWER TAKE-OFF 2026 APPLICATION CATALOG



WARNING – User Responsibility

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

Offer of Sale

The items described in this document are hereby offered for sale by Parker Hannifin Corporation, its subsidiaries or its authorized distributors. This offer and its acceptance are governed by the provisions stated in the "Offer of Sale".



WARNING: This product can expose you to chemicals including Lead and Lead Compounds, and Di(2-ethylhexyl)phthalate (DEHP) which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

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APPLICATIONS





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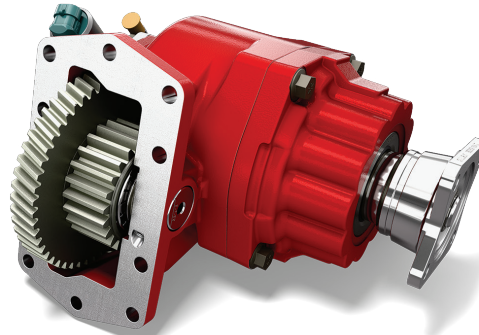
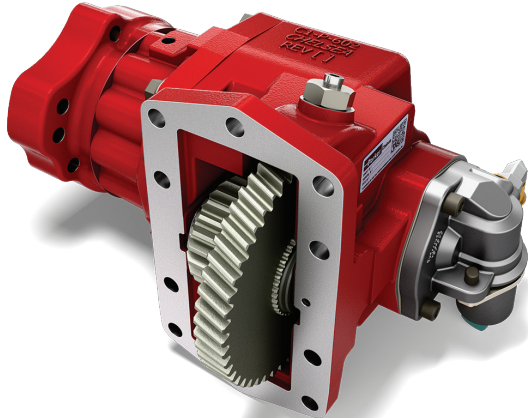
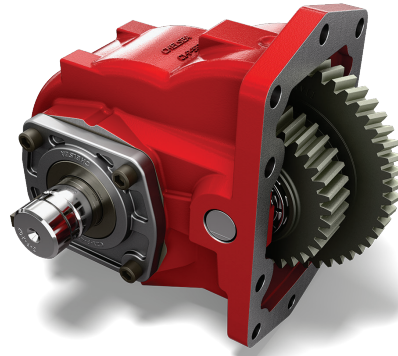
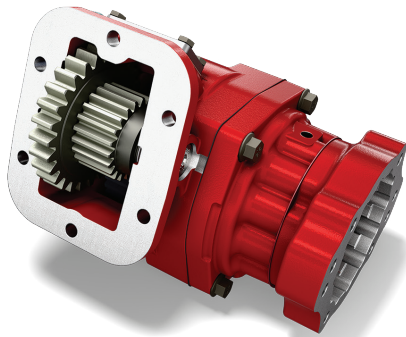
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ALLISON





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ALLISON TRANSMISSION INDEX

Allison Transmission Identification

In July 2005 Allison Transmission redesigned the transmission nameplates for all 1000/2000 and 3000/4000 Product Family transmissions. The new nameplate design contains only the information essential to the identification of the transmission. The transmission model number will no longer appear on the nameplate, it has been replaced by the serial number.

The transmission product family is identified by the first two digits of the transmission serial number:

Serial Number

63xxxxxxx
65xxxxxxx
66xxxxxxx
9xxxxxxx

Product Family

1000 and 2000 Product Family
3000 Product Family
4000 Product Family
*Re-Manufactured Transmission

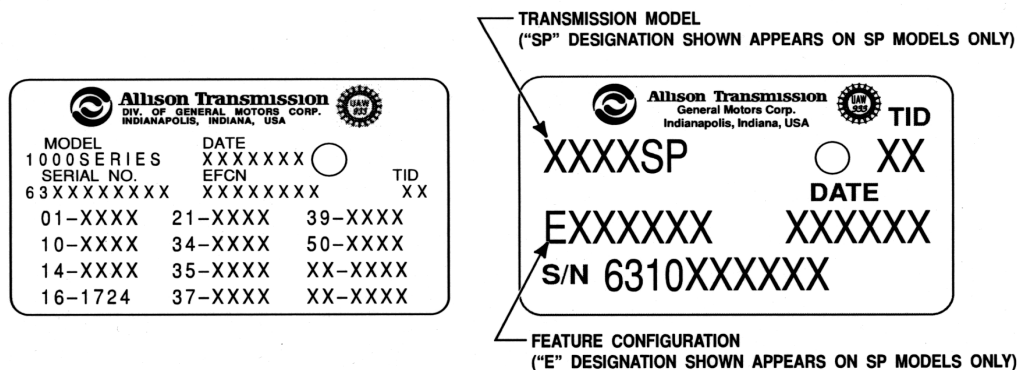
*For re-manufactured transmissions, consult re-manufacturing location to identify product family.

"SP" models will contain additional information to accommodate military applications. The transmission E-number is embossed on the "SP" models and when required for other models sold to the military. The transmission model number is embossed on the nameplate for "SP" model and "MD" and "HD" models sold to the military. The model number will not be embossed for any other model (**Ref:** Allison Watch #335 Rev A).

For further assistance contact Allison Technical Assistance at (800) 252-5283.

The Allison transmission serial number can be used to verify transmissions options. Use the link below to determine the options. Contact Allison Transmission for any questions regarding their options.

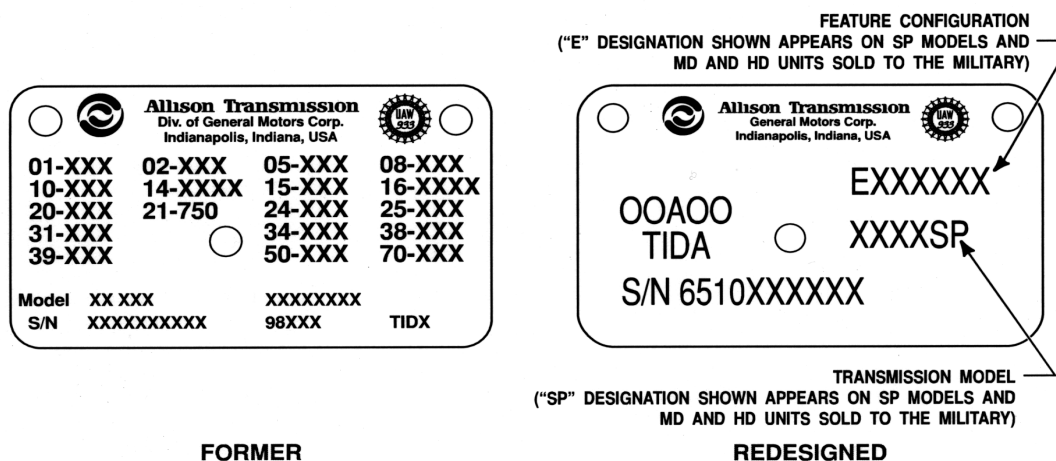
<https://www.allisontransmission.com/parts-service/my-transmission>



FORMER

REDESIGNED

Figure 1. 1000 and 2000 Product Families Nameplates



FORMER

REDESIGNED

Figure 2. 3000 and 4000 Product Families Nameplates

ALLISON TRANSMISSION INDEX

890 Family Fitment to Transmission

Application Page	Arr.	Mounting PTO Code	Transmission Location	Flange Options						
				XS	XK/AF/AZ	XY	DA	ZS	CS	CK/CF/CZ
3000 Series Side/Side										
ALL-13	5	L	Left side	L	L	L	L	L		
ALL-13	5	R	Right side	R	R	R	R	R		
ALL-13C	3	N	Left side w/ Cooler			N		N	N	N
ALL-13C	5	R	Right side w/ Cooler	R	R	R		R		
ALL-13R	5	M	Left side w/ Retarder	M	M	M				
ALL-13R	3	N/A	Left side w/ Retarder, and Cooler							
ALL-13R		N/A	Right side w/ Retarder							

3000 Series Side/Top

ALL-16	5	E	Left side	E	E	E	E			
ALL-16	5	T	Top side	T	T	T	T			
ALL-16EV	5	E	Left side (w/o cooler or retarder)	E	E	E	E			
ALL-16EV	5	T	Top side (w/o cooler or retarder)	T	T	T	T			
ALL-16C	3	N/A	Left side w/ Cooler							
ALL-16C	5	T	Top side w/ Cooler	T	T	T	T			
ALL-16R	5	F	Left side w/ Retarder	F	F	F				
ALL-16R	3	N/A	Left side w/ Retarder, and Cooler							
ALL-16R	5	N/A	Top side w/ Retarder							

4000 Series 6-Speed

ALL-14	5	H	Left side	H	H	H	H			
ALL-14	5	U	Top side	U	U	U	U			
ALL-14C	3	C	Left side w/ Cooler			C		C	C	C
ALL-14C	5	U	Top side w/ Cooler	U	U	U	U			
ALL-14R	5	P	Left side w/ Retarder		P	P		P		
ALL-14R	3	J	Left side w/ Retarder			J		J	J	J
ALL-14R	5	K	Top side w/ Retarder	K	K	K				

4000 Series 7-Speed

ALL-19	5	H	Left side	H	H	H	H			
ALL-19	5	U	Top side	U	U	U	U			
ALL-19C	3	C	Left side w/ Cooler			C		C	C	C
ALL-19C	5	U	Top side w/ Cooler	U	U	U	U			
ALL-19R	5	P	Left side w/ Retarder		P	P		P		
ALL-19R	3	J	Left side w/ Retarder			J		J	J	J
ALL-19R	5	K	Top side w/ Retarder	K	K	K				

N/A = No Application

Arr. = Assembly Arrangement

ALLISON TRANSMISSION INDEX

Transmission Make and Model	PTO Appl.	Number Forward	Teeth in PTO
	Number	Speeds	Driver
1000	ALL-15	5	L64-R64
1000 (GM 3600 Cab-Chassis)	ALL-17	5	R64
1000 EVS (Emergency Vehicles Only)	ALL-15	5	L64-R64
1000 MH (Motorhome)	ALL-15	5	L64-R64
1000 RDS (Rugged Duty Service)	ALL-15	5	L64-R64
1350 (Available in 4, 5 & 6-Speed)	ALL-15	6	L64-R64
1350 EVS (Emergency Vehicles Only Available in 4, 5 & 6-Speed)	ALL-15	6	L64-R64
1350 MH (Motorhome) (Available in 4, 5 & 6-Speed)	ALL-15	6	L64-R64
1350 RDS (Rugged Duty Service Available in 4, 5 & 6-Speed)	ALL-15	6	L64-R64
1350 SP (Specialty Series) (Available in 4, 5 & 6-Speed)	ALL-15	6	L64-R64
1700	ALL-21	6	L64-R64
1750	ALL-21	6	L64-R64
2000	ALL-15	5	L64-R64
2100 EVS (Emergency Vehicles Only)	ALL-15	5	L64-R64
2100 MH (Motorhome)	ALL-15	5	L64-R64
2100 RDS (Rugged Duty Service)	ALL-15	5	L64-R64
2200 EVS (Emergency Vehicles Only)	ALL-15	5	L64-R64
2200 MH (Motorhome)	ALL-15	5	L64-R64
2200 RDS (Rugged Duty Service)	ALL-15	5	L64-R64
2300 RDS (Rugged Duty Service)	ALL-15	6	L64-R64
2400	ALL-15	5	L64-R64
2500 EVS (Emergency Vehicles Only)	ALL-15	5	L64-R64
2500 MH (Motorhome)	ALL-15	5	L64-R64
2500 RDS (Rugged Duty Service)	ALL-15	5	L64-R64
2700	ALL-21	6	L64-R64
2750	ALL-21	6	L64-R64
2906 RDS	ALL-15	6	L64-R64
2907 MH	ALL-15	6	L64-R64
2907 SP	ALL-15	6	L64-R64
2909 MH	ALL-15	6	L64-R64
2909 RDS	ALL-15	6	L64-R64
2909 SP	ALL-15	6	L64-R64
2916 RDS	ALL-15	6	L64-R64
2917 MH	ALL-15	6	L64-R64
2917 SP	ALL-15	6	L64-R64
2919 MH	ALL-15	6	L64-R64
2919 RDS	ALL-15	6	L64-R64
2919 SP	ALL-15	6	L64-R64
2956 RDS	ALL-15	6	L64-R64
2957 MH	ALL-15	6	L64-R64
2957 SP	ALL-15	6	L64-R64



IMPORTANT: See Safety Information
in Section 1 of the Chelsea Applications
catalog HY25-3000/US

Transmission PTO Driver & Apertures (Viewed from Rear of Transmission)
L-Left Side R-Right Side B-Bottom Side T-Top Side CS-Countershaft
For transmissions not listed, contact your authorized Chelsea Distributor.

ALLISON TRANSMISSION INDEX

Transmission Make and Model	PTO Appl. Number	Number Forward Speeds	Teeth in PTO Driver
2959 MH	ALL-15	6	L64-R64
2959 RDS	ALL-15	6	L64-R64
2959 SP	ALL-15	6	L64-R64
2966 RDS	ALL-15	6	L64-R64
2967 MH	ALL-15	6	L64-R64
2967 SP	ALL-15	6	L64-R64
2969 MH	ALL-15	6	L64-R64
2969 RDS	ALL-15	6	L64-R64
2969 SP	ALL-15	6	L64-R64
3000 (3000 Family - Side/Top PTO Provision w/ Retarder)	ALL-16R	6	L83-T83
3000 (3000 Family - Side/Side PTO Provision w/ Retarder)	ALL-13R	6	L68-R68
3000 (3000 Family - Side/Top PTO Provision w/ Integral Cooler)	ALL-16C	6	L83-T83
3000 (3000 Family - Side/Side PTO Provision w/ Integral Cooler)	ALL-13C	6	L68-R68
3000 (Econic) (3000 Family - Side/Side PTO Provision w/ Integral Cooler Daimler Econic)	ALL-13EC	6	L68
3000 (International - Side/Side PTO Provision)	ALL-13	6	L68-R68
3000 (International - Side/Top PTO Provision)	ALL-16	6	L83-T83
3000 EVS (Emergency Vehicles Only Top/Side PTO Provisions)	ALL-16EV	6	L83-T83
3000 EVS (Emergency Vehicles Only Side/Side Power Take-Off Provisions)	ALL-13	6	L68-R68
3000 MH (Motorhome)	ALL-13	6	L68-R68
3000 ORS (Off Road Service Side/Side Power Take-Off Provisions)	ALL-13	6	L68-R68
3000 ORS (Off Road Service Side/Top PTO Provision)	ALL-16	6	L83-T83
3000 RDS (Rugged Duty Service)	ALL-13	6	L68-R68
3000 RDS (Rugged Duty Service Side/Top PTO Provision)	ALL-16	5	L83-T83
3000 SP (Specialty Series) (Side/Side PTO Option)	ALL-13	6	L68-R68
3000 SP (Specialty Series) (Side/Top PTO Provision)	ALL-16	6	L83-T83
3000 TRV (Truck RV)	ALL-13	6	L68-R68
3200 (International - Side/Side PTO Provision)	ALL-13	6	L68-R68
3200 (International - Side/Top PTO Provision)	ALL-16	6	L83-T83
3200 ORS (Off Road Service Side/Side PTO Provision)	ALL-13	6	L68-R68
3200 ORS (Off Road Service Side/Top PTO Provision)	ALL-16	6	L83-T83
3200 SP (Specialty Series) (Side/Side PTO Provision)	ALL-13	6	L68-R68
3200 SP (Specialty Series) (Side/Top PTO Provision)	ALL-16	6	L83-T83
3200 TRV (Truck RV)	ALL-13	6	L68-R68
3414 RHS	ALL-13	6	L68-R68
3500 (International - Side/Side PTO Provision)	ALL-13	6	L68-R68
3500 (International - Side/Top PTO Provision)	ALL-16	6	L83-T83
3500 EVS (Emergency Vehicles Only Top/Side PTO Provisions)	ALL-16EV	6	L83-T83
3500 EVS (Emergency Vehicles Only Side/Side Power Take-Off Provisions)	ALL-13	6	L68-R68
3500 OFS (Oil Field Service)	ALL-13	6	L68-R68
3500 ORS (Off Road Service Side/Side PTO Provision)	ALL-13	6	L68-R68



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Transmission PTO Driver & Apertures (Viewed from Rear of Transmission)
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ALLISON TRANSMISSION INDEX

Transmission Make and Model	PTO Appl. Number	Number Forward Speeds	Teeth in PTO Driver
3500 ORS (Off Road Service Side/Top PTO Provision)	ALL-16	6	L83-T83
3500 RDS (Rugged Duty Service)	ALL-13	6	L68-R68
3500 RDS (Rugged Duty Service Side/Top PTO Provision)	ALL-16	6	L83-T83
3500 SP (Specialty Series) (Side/Side PTO Provision)	ALL-13	6	L68-R68
3500 SP (Specialty Series) (Side/Top PTO Provision)	ALL-16	6	L83-T83
3700	ALL-18	7	L68-R68
3700 SP (Specialty Series)	ALL-18	7	L68-R68
4000 (4000 Family w/ Integral Cooler)	ALL-14C	6	L97-T97
4000 (4000 Family w/ Retarder)	ALL-14R	6	L97-T97
4000 EVS (Emergency Vehicles Only)	ALL-14	6	L97-T97
4000 MH (Motorhome)	ALL-14	6	L97-T97
4000 RDS (Rugged Duty Service)	ALL-14	6	L97-T97
4000 TRV (Truck RV)	ALL-14	6	L97-T97
4430	ALL-14	6	L97-T97
4430 ORS (Off Road Service)	ALL-14	6	L97-T97
4430 SP (Specialty Series)	ALL-14	6	L97-T97
4440	ALL-14	6	L97-T97
4500 EVS (Emergency Vehicles Only)	ALL-14	6	L97-T97
4500 RDS (Rugged Duty Service)	ALL-14	6	L97-T97
4700	ALL-19	7	L97-T97
4700 (4700 Family w/ Integral Cooler)	ALL-19C	7	L97-T97
4700 (4700 Family w/ Retarder)	ALL-19R	7	L97-T97
4700 EVS (Emergency Vehicles Only)	ALL-19	7	L97-T97
4700 OFS (Oil Field Service)	ALL-19	7	L97-T97
4700 RDS (Rugged Duty Service)	ALL-19	7	L97-T97
4700 SP (Specialty Series)	ALL-19	7	L97-T97
4800	ALL-19	7	L97-T97
4800 (4800 Family w/ Integral Cooler)	ALL-19C	7	L97-T97
4800 (4800 Family w/ Retarder)	ALL-19R	7	L97-T97
4800 EVS (Emergency Vehicles Only)	ALL-19	7	L97-T97
4800 SP (Specialty Series)	ALL-19	7	L97-T97
4850 EVS (Emergency Vehicles Only)	ALL-19	7	L97-T97
5620 OFS (Oil Field Service)	ALL-8	6	R46-T46
6620 OFS (Oil Field Service)	ALL-8	6	R46-T46
6625 ORS (Off Road Service)	ALL-8	6	R46-T46
8610 OFS (Oil Field Service)	ALL-11	6	R59-T59
8610 ORS (Off Road Service)	ALL-11	6	R59-T59
8610 SP (Specialty Series)	ALL-11	6	R59-T59
9610 OFS (Oil Field Service)	ALL-11	6	R59-T59
9610 ORS (Off Road Service)	ALL-11	6	R59-T59
9610 SP (Specialty Series)	ALL-11	6	R59-T59



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ALLISON TRANSMISSION INDEX

Transmission Make and Model	PTO Appl. Number	Number Forward Speeds	Teeth in PTO Driver
9800 OFS (Oil Field Service)	ALL-11	8	R59-T59
9817 OFS (Oil Field Service)	ALL-11	8	R59-T59
9823 OFS (Oil Field Service)	ALL-11	8	R59-T59
9826 OFS (Oil Field Service)	ALL-11	8	R59-T59
9832 OFS (Oil Field Service)	ALL-11	8	R59-T59
9832 OFSD (Oil Field Service)	ALL-11	8	R59-T59
9832 OFSI (Oil Field Service)	ALL-11	8	R59-T59
AT-1542	ALL-4	4	R55
AT-1545	ALL-4	4	R55
AT-540	ALL-4	4	R55
AT-542	ALL-4	4	R55
AT-543	ALL-4	4	R55
AT-545	ALL-4	4	R55
B 300	ALL-13	6	L68-R68
B 400	ALL-13	6	L68-R68
B 500	ALL-14	6	L97-T97
CLBT-750	ALL-6	5	L78
CLBT-750 (w/ Optional 8-Bolt Opening Ahead of Torque Converter)	ALL-12	5	L64-T40
CLBT-754	ALL-6	5	L78
CLBT-754 (w/ Optional 8-Bolt Opening Ahead of Torque Converter)	ALL-12	5	L64-T40
CLT-750	ALL-6	5	L78
CLT-750 (w/ Optional 8-Bolt Opening Ahead of Torque Converter)	ALL-12	5	L64-T40
CLT-754	ALL-6	5	L78
CLT-754 (w/ Optional 8-Bolt Opening Ahead of Torque Converter)	ALL-12	5	L64-T40
FracTran®	ALL-22	8	L48-R62
H8610 (H = Hauling Mode)	ALL-11	8	R59-T59
HD-4060P (Close Ratio)	ALL-14	6	L97-T97
HD-4070P	ALL-14	7	L97-T97
HD-4560P (Wide Ratio)	ALL-14	6	L97-T97
HT-740CRD	ALL-6	4	L78
HT-740D	ALL-6	4	L78
HT-740DRD	ALL-6	4	L78
HT-740T	ALL-6	4	L78
HT-750CRD	ALL-6	5	L78
HT-750CRD (w/ Optional 8-Bolt Opening Ahead of Torque Converter)	ALL-12	5	L64-T40
HT-750D	ALL-6	5	L78
HT-750DP	ALL-6	5	L78
HT-750DRD	ALL-6	5	L78
HT-750DT	ALL-6	5	L78



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ALLISON TRANSMISSION INDEX

Transmission Make and Model	PTO Appl. Number	Number Forward Speeds	Teeth in PTO Driver
HT-750HT	ALL-6	5	L78
HT-750T	ALL-6	5	L78
HT-754CR	ALL-6	5	L78
M5600 (M = Mobile Mode)	ALL-8	6	R46-T46
M5610 (M = Mobile Mode)	ALL-8	6	R46-T46
M5620 (M = Mobile Mode)	ALL-8	6	R46-T46
M6510 (M = Mobile Mode)	ALL-8	6	R46-T46
M6520 (M = Mobile Mode)	ALL-8	6	R46-T46
M6600 (M = Mobile Mode)	ALL-8	6	R46-T46
M8610 (M = Mobile Mode)	ALL-11	8	R59-T59
M9600 (M = Mobile Mode)	ALL-11	6	R59-T59
M9800 (M = Mobile Mode)	ALL-11	8	R59-T59
MD3050CR-P	ALL-13	5	L68-R68
MD-3060P (Close Ratio)	ALL-13	6	L68-R68
MD-3060PR (Close Ratio)	ALL-13	6	L68-R68
MD-3066P (Europe Only)	ALL-16	6	L83-T83
MD-3070P (Close Ratio)	ALL-18	7	L68-R68
MD-3560P (Wide Ratio)	ALL-13	6	L68-R68
MD-3560PR (Wide Ratio)	ALL-13	6	L68-R68
MT-640	ALL-5	4	R64
MT-643	ALL-5	4	R64
MT-644	ALL-5	4	R64
MT-650	ALL-5	5	R64
MT-653	ALL-5	5	R64
MT-654	ALL-5	5	R64
S5600 (S = Stationary Mode)	ALL-8	6	R46-T46
S5610 (S = Stationary Mode)	ALL-8	6	R46-T46
S5620 (S = Stationary Mode)	ALL-8	6	R46-T46
S6510 (S = Stationary Mode)	ALL-8	6	R46-T46
S6520 (S = Stationary Mode)	ALL-8	6	R46-T46
S6600 (S = Stationary Mode)	ALL-8	6	R46-T46
T2906	ALL-15	6	L64-R64
T2916	ALL-15	6	L64-R64



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Transmission PTO Driver & Apertures (Viewed from Rear of Transmission)
L-Left Side R-Right Side B-Bottom Side T-Top Side CS-Countershaft
For transmissions not listed, contact your authorized Chelsea Distributor.

CHELSEA®

ALLISON

ALL-4

AT-1542
AT-1545
AT-540
AT-542
AT-543
AT-545

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.S. 06-BOLT Opening Gear FORWARD of Centerline
55 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0850" (27.5600 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - MECHANICAL SHIFT

442XBAHP-*3 (1) 250 I Eng 90 Furnished

ONE SPEED - POWERSHIFT (AIR OR HYDRAULIC)

272XAAJP-*3 (2) 300 C Eng 79 Furnished
272XBAJP-*3 (3) 258 C Eng 97 Furnished
272XCAJP-*3 (4) 214 C Eng 117 Furnished
272XDAJP-*3 (5) 179 C Eng 140 Furnished
272XGAJP-*3 (6) 150 C Eng 166 Furnished
272XKAJP-*3 (7) 134 C Eng 186 Furnished

ONE SPEED - POWERSHIFT LOW PROFILE (AIR OR HYDRAULIC)

272MAAJP-*5 (2) 300 C Eng 79 Furnished
272MBAJP-*5 (3) 258 C Eng 97 Furnished
272MCAJP-*5 (4) 214 C Eng 117 Furnished
272MDAJP-*5 (5) 179 C Eng 140 Furnished
272MGAJP-*5 (6) 150 C Eng 166 Furnished
272MKAJP-*5 (7) 134 C Eng 186 Furnished

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: PTO output shaft torque ratings are based on the maximum intermittent torque rating of 250 lb-ft torque for the 55 tooth gear in the AT-540 series transmission.

- (1) Input Gear Part No. 5-P-1418
(2) Input Gear Part No. 5-P-1510-1X
(3) Input Gear Part No. 5-P-1510-2X
(4) Input Gear Part No. 5-P-1510-3X
(5) Input Gear Part No. 5-P-1510-4X
(6) Input Gear Part No. 5-P-1510-5X

- (7) Input Gear Part No. 5-P-1510-6X
(8) Input Gear Part No. 5-P-569

CHELSEA®

ALLISON

ALL-5

MT-640
MT-643
MT-644
MT-650
MT-653
MT-654

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.S. 06-BOLT Opening Gear FORWARD of Centerline

64 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0850" (27.5600 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - MECHANICAL SHIFT

442XBAHP-*5 (1)	250 I	Eng	104										Furnished
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ONE SPEED - POWERSHIFT (AIR OR HYDRAULIC)

272XAAJP-*3 (2)	300 C	Eng	92										Furnished
272XBAJP-*3 (3)	266 C	Eng	113										Furnished
272XCAJP-*3 (4)	220 C	Eng	136										Furnished
272XDAJP-*3 (5)	184 C	Eng	164										Furnished
272XGAJP-*3 (6)	155 C	Eng	194										Furnished

ONE SPEED - POWERSHIFT LOW PROFILE (AIR OR HYDRAULIC)

272MAAJP-*5 (2)	300 C	Eng	92										Furnished
272MBAJP-*5 (3)	266 C	Eng	113										Furnished
272MCAJP-*5 (4)	220 C	Eng	136										Furnished
272MDAJP-*5 (5)	184 C	Eng	164										Furnished
272MGAJP-*5 (6)	155 C	Eng	194										Furnished

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page.
Some notes may affect the proper PTO selection.

- (1) Input Gear Part No. 5-P-1418
(2) Input Gear Part No. 5-P-1510-1X
(3) Input Gear Part No. 5-P-1510-2X
(4) Input Gear Part No. 5-P-1510-3X
(5) Input Gear Part No. 5-P-1510-4X
(6) Input Gear Part No. 5-P-1510-5X

CHELSEA®

ALLISON

ALL-6

CLBT-750
CLBT-754
CLT-750
CLT-754
HT-740CRD
HT-740D
HT-740DRD
HT-740T

HT-750CRD
HT-750D
HT-750DP
HT-750DRD
HT-750DT
HT-750HT
HT-750T
HT-754CR

LEFT SIDE ONLY**TRANSMISSION GEAR DATA:**

L.S. 06-BOLT Opening Gear FORWARD of Centerline
78 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0850" (27.5600 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - MECHANICAL SHIFT

442XBAHP-*5 (1)	250 I	Eng	127	Furnished			
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ONE SPEED - POWERSHIFT (AIR OR HYDRAULIC)

272XAAJP-*5 (2)	300 C	Eng	112	Furnished			
272XBAJP-*5 (3)	300 C	Eng	137	Furnished			
272XCAJP-*5 (4)	300 C	Eng	166	Furnished			

ONE SPEED - POWERSHIFT LOW PROFILE (AIR OR HYDRAULIC)

272MAAJP-*5 (2)	300 C	Eng	112	Furnished			
272MBAJP-*5 (3)	300 C	Eng	137	Furnished			
272MCAJP-*5 (4)	300 C	Eng	166	Furnished			

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

(1) Input Gear Part No. 5-P-1418
(2) Input Gear Part No. 5-P-1510-1X
(3) Input Gear Part No. 5-P-1510-2X
(4) Input Gear Part No. 5-P-1510-3X

CHELSEA®

ALLISON

ALL-8

5620 OFS
6620 OFS
6625 ORS
M5600 (M = Mobile Mode)
M5610 (M = Mobile Mode)
M5620 (M = Mobile Mode)
M6510 (M = Mobile Mode)
M6520 (M = Mobile Mode)

M6600 (M = Mobile Mode)
S5600 (S = Stationary Mode)
S5610 (S = Stationary Mode)
S5620 (S = Stationary Mode)
S6510 (S = Stationary Mode)
S6520 (S = Stationary Mode)
S6600 (S = Stationary Mode)

TOP SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 08-BOLT Opening Gear REAR of Centerline
46 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.8020" (20.3708 mm)

TRANSMISSION GEAR DATA:

R.S. 08-BOLT Opening Gear REAR of Centerline
46 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.8020" (20.3708 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - MECHANICAL SHIFT

823XBAKP-*6 (6)	500 I	Opp	81			Furnished	823XBAKP-*4 (6)	500 I	Eng	81			Furnished
823XDAKP-*6 (9)	500 I	Opp	96			Furnished	823XDAKP-*4 (9)	500 I	Eng	96			Furnished
823XGAKP-*6 (10)	500 I	Opp	104			Furnished	823XGAKP-*4 (10)	500 I	Eng	104			Furnished
823XJAKP-*6 (7)	500 I	Opp	122			Furnished	880XBAKP-*4 (1)	500 I	Eng	81			Furnished
823XMAKP-*6 (8)	500 I	Opp	144			Furnished	880XDAKP-*4 (2)	500 I	Eng	96			Furnished
880XBAKP-*6 (1)	500 I	Opp	81			Furnished	880XGAKP-*4 (3)	500 I	Eng	104			Furnished
880XDAKP-*6 (2)	500 I	Opp	96			Furnished							
880XGAKP-*6 (3)	500 I	Opp	104			Furnished							
880XJAKP-*6 (4)	500 I	Opp	122			Furnished							
880XMAKP-*6 (5)	500 I	Opp	144			Furnished							

ONE SPEED - POWERSHIFT (AIR)

885XBAKP-*6 (1)	500 I	Opp	81			Furnished	885XBAKP-*4 (1)	500 I	Eng	81			Furnished
885XGAKP-*6 (3)	500 I	Opp	104			Furnished	885XGAKP-*4 (3)	500 I	Eng	104			Furnished
885XJAKP-*6 (4)	500 I	Opp	122			Furnished							
885XMAKP-*6 (5)	500 I	Opp	144			Furnished							

ONE SPEED - POWERSHIFT (HYDRAULIC)

852XBAKP-*6	500 I	Opp	81			Furnished	852XBAKP-*4	500 I	Eng	81			Furnished
852XGAKP-*6	500 I	Opp	104			Furnished	852XGAKP-*4	500 I	Eng	104			Furnished
852XJAKP-*6	500 I	Opp	122			Furnished	852XJAKP-*4	500 I	Eng	122			Furnished

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: Maximum PTO Continuous torque allowed is 313 lb-ft [424 N-m] due to the transmission manufacturer PTO driver gear limit.

(1) Input Gear Part No. 5-P-1106
(2) Input Gear Part No. 5-P-1107
(3) Input Gear Part No. 5-P-1108
(4) Input Gear Part No. 5-P-1109
(5) Input Gear Part No. 5-P-1110
(6) Input Gear Part No. 5-P-223

(7) Input Gear Part No. 5-P-224
(8) Input Gear Part No. 5-P-284
(9) Input Gear Part No. 5-P-293
(10) Input Gear Part No. 5-P-294

CHELSEA®

ALLISON

ALL-11

8610 OFS (Oil Field Service) 8610 ORS (Off Road Service) 8610 SP (Specialty Series) 9610 OFS (Oil Field Service) 9610 ORS (Off Road Service) 9610 SP (Specialty Series) 9800 OFS (Oil Field Service) 9817 OFS (Oil Field Service)	9823 OFS (Oil Field Service) 9826 OFS (Oil Field Service) 9832 OFS (Oil Field Service) 9832 OFSD (Oil Field Service) 9832 OFSI (Oil Field Service) H8610 (H = Hauling Mode) M8610 (M = Mobile Mode) M9600 (M = Mobile Mode)	M9800 (M = Mobile Mode)
TOP SIDE ONLY		RIGHT SIDE ONLY
TRANSMISSION GEAR DATA: TOP 08-BOLT Opening Gear REAR of Centerline 59 Teeth - SPUR PITCH LINE TO APERTURE FACE: 0.8100" (20.5740 mm)		TRANSMISSION GEAR DATA: R.S. 08-BOLT Opening Gear REAR of Centerline 59 Teeth - SPUR PITCH LINE TO APERTURE FACE: 0.8100" (20.5740 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
ONE SPEED - MECHANICAL SHIFT													
823XBAKP-*6 (6)	500 I	Opp	104			Furnished	823XBAKP-*4 (6)	500 I	Eng	104			Furnished
823XDAKP-*6 (9)	500 I	Opp	123			Furnished	823XDAKP-*4 (9)	500 I	Eng	123			Furnished
823XGAKP-*6 (10)	500 I	Opp	134			Furnished	880XBAKP-*4 (1)	500 I	Eng	104			Furnished
823XJAKP-*6 (7)	500 I	Opp	157			Furnished	880XDAKP-*4 (2)	500 I	Eng	123			Furnished
823XMAKP-*6 (8)	500 I	Opp	185			Furnished	880XGAKP-*4 (3)	500 I	Eng	134			Furnished
880XBAKP-*6 (1)	500 I	Opp	104			Furnished	880XJAKP-*4 (4)	500 I	Eng	157			Furnished
880XDAKP-*6 (2)	500 I	Opp	123			Furnished							
880XGAKP-*6 (3)	500 I	Opp	134			Furnished							
880XJAKP-*6 (4)	500 I	Opp	157			Furnished							
880XMAKP-*6 (5)	500 I	Opp	185			Furnished							
ONE SPEED - POWERSHIFT (HYDRAULIC)													
852XBAKP-*6	500 I	Opp	104			Furnished	852XBAKP-*4	500 I	Eng	104			Furnished
852XGAKP-*6	500 I	Opp	134			Furnished	852XGAKP-*4	500 I	Eng	134			Furnished
852XJAKP-*6	500 I	Opp	157			Furnished	852XJAKP-*4	500 I	Eng	157			Furnished

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

- (1) Input Gear Part No. 5-P-1106
 (2) Input Gear Part No. 5-P-1107
 (3) Input Gear Part No. 5-P-1108
 (4) Input Gear Part No. 5-P-1109
 (5) Input Gear Part No. 5-P-1110
 (6) Input Gear Part No. 5-P-223

- (7) Input Gear Part No. 5-P-224
 (8) Input Gear Part No. 5-P-284
 (9) Input Gear Part No. 5-P-293
 (10) Input Gear Part No. 5-P-294

CHELSEA®

ALLISON

ALL-12

CLBT-750 (w/ Optional 8-Bolt Opening Ahead of Torque Converter)
 CLBT-754 (w/ Optional 8-Bolt Opening Ahead of Torque Converter)
 CLT-750 (w/ Optional 8-Bolt Opening Ahead of Torque Converter)
 CLT-754 (w/ Optional 8-Bolt Opening Ahead of Torque Converter)
 HT-750CRD (w/ Optional 8-Bolt Opening Ahead of Torque Converter)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear REAR of Centerline
 64 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.8100" (20.5740 mm)

TRANSMISSION GEAR DATA:

TOP 08-BOLT Opening Gear REAR of Centerline
 40 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.8100" (20.5740 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - MECHANICAL SHIFT

823XDAKX-*6 (9)	500 I	Opp	113			Furnished	823XBAKP-*4 (6)	500 I	Opp	95			Furnished
823XGAKX-*6 (10)	500 I	Opp	122			Furnished	823XDAKP-*4 (9)	500 I	Opp	112			Furnished
823XJAKX-*6 (7)	500 I	Opp	144			Furnished	823XGAKP-*4 (10)	500 I	Opp	122			Furnished
823XMAKX-*6 (8)	500 I	Opp	169			Furnished	823XJAKP-*4 (7)	500 I	Opp	144			Furnished
880XBAKX-*6 (1)	500 I	Opp	95			Furnished	823XMAKP-*4 (8)	500 I	Opp	169			Furnished
880XDAKX-*6 (2)	500 I	Opp	113			Furnished	880XBAKP-*4 (1)	500 I	Opp	95			Furnished
880XGAKX-*6 (3)	500 I	Opp	122			Furnished	880XDAKP-*4 (2)	500 I	Opp	112			Furnished
880XJAKX-*6 (4)	500 I	Opp	144			Furnished	880XGAKP-*4 (3)	500 I	Opp	122			Furnished
880XMAKX-*6 (5)	500 I	Opp	169			Furnished	880XJAKP-*4 (4)	500 I	Opp	144			Furnished
							880XMAKP-*4 (5)	500 I	Opp	169			Furnished

ONE SPEED - POWERSHIFT (AIR)

885XBAKX-*6 (1)	500 I	Opp	95			Furnished	885XBAKP-*4 (1)	500 I	Opp	95			Furnished
885XGAKX-*6 (3)	500 I	Opp	122			Furnished	885XGAKP-*4 (3)	500 I	Opp	122			Furnished
885XJAKX-*6 (4)	500 I	Opp	144			Furnished	885XJAKP-*4 (4)	500 I	Opp	144			Furnished
885XMAKX-*6 (5)	500 I	Opp	169			Furnished	885XMAKP-*4 (5)	500 I	Opp	169			Furnished

ONE SPEED - POWERSHIFT (HYDRAULIC)

852XBAKP-*6	500 I	Opp	95			Furnished	852XBAKP-*4	500 I	Opp	95			Furnished
852XGAKP-*6	500 I	Opp	122			Furnished	852XGAKP-*4	500 I	Opp	122			Furnished
852XJAKP-*6	500 I	Opp	144			Furnished	852XJAKP-*4	500 I	Opp	144			Furnished

ONE SPEED - FORWARD & REVERSE

863XBAKX-*4	500 I	Opp	95	118		Furnished							
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† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page.
 Some notes may affect the proper PTO selection.

- (1) Input Gear Part No. 5-P-1106
 (2) Input Gear Part No. 5-P-1107
 (3) Input Gear Part No. 5-P-1108
 (4) Input Gear Part No. 5-P-1109
 (5) Input Gear Part No. 5-P-1110
 (6) Input Gear Part No. 5-P-223

- (7) Input Gear Part No. 5-P-224
 (8) Input Gear Part No. 5-P-284
 (9) Input Gear Part No. 5-P-293
 (10) Input Gear Part No. 5-P-294

CHELSEA®

ALLISON

ALL-13

3000 (International - Side/Side PTO Provision) 3000 EVS (Side/Side Power Take-Off Provisions) 3000 MH (Motorhome) 3000 ORS (Side/Side Power Take-Off Provisions) 3000 RDS 3000 SP (Side/Side PTO Option) 3000 TRV 3200 (International - Side/Side PTO Provision)	3200 ORS (Side/Side PTO Provision) 3200 SP (Side/Side PTO Provision) 3200 TRV 3414 RHS 3500 (International - Side/Side PTO Provision) 3500 EVS (Side/Side Power Take-Off Provisions) 3500 OFS 3500 OFS (Oil Field Service)	3500 ORS (Side/Side PTO Provision) 3500 RDS 3500 SP (Side/Side PTO Provision) B 300 B 400 MD3050CR-P MD-3060P (Close Ratio) MD-3060PR (Close Ratio)	MD-3560P (Wide Ratio) MD-3560PR (Wide Ratio)
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LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TRANSMISSION GEAR DATA:

R.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH

267SBFJP-*5 (4)	402 I	Eng	72			Furnished	267SBFJP-*3 (4)	402 I	Eng	72			Furnished
267SDFJP-*5 (3)	390 I	Eng	87			Furnished	267SDFJP-*3 (3)	390 I	Eng	87			Furnished
267SGFJP-*5 (2)	360 I	Eng	103			Furnished	267SGFJP-*3 (2)	360 I	Eng	103			Furnished
267SMFJP-*5 (5)	318 I	Eng	129			Furnished	267SMFJP-*3 (5)	318 I	Eng	129			Furnished
267SSFJP-*5 (1)	265 I	Eng	161			Furnished	267SSFJP-*3 (1)	265 I	Eng	161			Furnished
267XBFJP-*5 (26)	335 I	Eng	72			Furnished	267XBFJP-*3 (26)	335 I	Eng	72			Furnished
267XDFJP-*5 (27)	325 I	Eng	87			Furnished	267XDFJP-*3 (27)	325 I	Eng	87			Furnished
267XGFJP-*5 (28)	300 I	Eng	103			Furnished	267XGFJP-*3 (28)	300 I	Eng	103			Furnished
267XMFJP-*5 (29)	265 I	Eng	129			Furnished	267XMFJP-*3 (29)	265 I	Eng	129			Furnished
267XSFJP-*5 (1)	250 I	Eng	161			Furnished	267XSFJP-*3 (1)	250 I	Eng	161			Furnished
288GBFJP-*5 (17)	300 C	Eng	60			Furnished	288GBFJP-*3 (17)	300 C	Eng	60			Furnished
288GBFJP-*8 (17)	300 C	Eng	56			Furnished	288GBFJP-*8 (17)	300 C	Eng	56			Furnished
288GCFJP-*5 (18)	390 C	Eng	72			Furnished	288GCFJP-*3 (18)	390 C	Eng	72			Furnished
288GCFJP-*8 (18)	390 C	Eng	68			Furnished	288GCFJP-*8 (18)	390 C	Eng	68			Furnished
288GDFJP-*5 (19)	390 C	Eng	87			Furnished	288GDFJP-*3 (19)	390 C	Eng	87			Furnished
288GDFJP-*8 (19)	390 C	Eng	81			Furnished	288GDFJP-*8 (19)	390 C	Eng	81			Furnished
288GGFJP-*5 (20)	360 C	Eng	103			Furnished	288GGFJP-*3 (20)	360 C	Eng	103			Furnished
288GGFJP-*8 (20)	360 C	Eng	96			Furnished	288GGFJP-*8 (20)	360 C	Eng	96			Furnished
288GKFJP-*5 (21)	340 C	Eng	115			Furnished	288GKFJP-*3 (21)	340 C	Eng	115			Furnished
288GMFJP-*5 (22)	318 C	Eng	129			Furnished	288GMFJP-*3 (22)	318 C	Eng	129			Furnished
288GMFJP-*8 (22)	318 C	Eng	119			Furnished	288GMFJP-*8 (22)	318 C	Eng	119			Furnished
288GPFJP-*5 (23)	290 C	Eng	144			Furnished	288GPFJP-*3 (23)	290 C	Eng	144			Furnished
288GPFJP-*8 (23)	290 C	Eng	132			Furnished	288GPFJP-*8 (23)	290 C	Eng	132			Furnished
288GSFJP-*5 (24)	265 C	Eng	161			Furnished	288GSFJP-*3 (24)	265 C	Eng	161			Furnished
288GSFJP-*8 (24)	265 C	Eng	147			Furnished	288GSFJP-*8 (24)	265 C	Eng	147			Furnished
288GTFJP-*5 (25)	240 C	Eng	180			Furnished	288GTFJP-*3 (25)	240 C	Eng	180			Furnished
288GTFJP-*8 (16)	240 C	Eng	173			Furnished	288GTFJP-*8 (16)	240 C	Eng	173			Furnished
878XAFJP-*5 (7)	591 C	Eng	82			Furnished	878XAFJP-*3 (7)	591 C	Eng	82			Furnished
878XBFJP-*5 (8)	557 C	Eng	87			Furnished	878XBFJP-*3 (8)	557 C	Eng	87			Furnished
878XCFJP-*5 (9)	522 C	Eng	93			Furnished	878XCFJP-*3 (9)	522 C	Eng	93			Furnished
878XDFJP-*5 (10)	490 C	Eng	99			Furnished	878XDFJP-*3 (10)	490 C	Eng	99			Furnished
878XEFJP-*5 (11)	429 C	Eng	113			Furnished	878XEFJP-*3 (11)	429 C	Eng	113			Furnished
878XFFJP-*5 (12)	379 C	Eng	128			Furnished	878XFFJP-*3 (12)	379 C	Eng	128			Furnished
878XGFJP-*5 (13)	334 C	Eng	145			Furnished	878XGFJP-*3 (13)	334 C	Eng	145			Furnished
878XHFJP-*5 (14)	315 C	Eng	154			Furnished	878XHFJP-*3 (14)	315 C	Eng	154			Furnished
878XJFJP-*5 (15)	295 C	Eng	164			Furnished	878XJFJP-*3 (15)	295 C	Eng	164			Furnished
878XKFJP-*5 (6)	357 C	Eng	136			Furnished	878XKFJP-*3 (6)	357 C	Eng	136			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

- 1) Input Gear Part No. 5-P-1173
 (2) Input Gear Part No. 5-P-1225
 (3) Input Gear Part No. 5-P-1293
 (4) Input Gear Part No. 5-P-1350
 (5) Input Gear Part No. 5-P-1351
 (7) Input Gear Part No. 5-P-1428-11X

- (8) Input Gear Part No. 5-P-1428-12X
 (9) Input Gear Part No. 5-P-1428-3X
 (10) Input Gear Part No. 5-P-1428-4X
 (11) Input Gear Part No. 5-P-1428-5X
 (16) Input Gear Part No. 5-P-1491-10X
 (17) Input Gear Part No. 5-P-1491-1X

- (18) Input Gear Part No. 5-P-1491-2X
 (19) Input Gear Part No. 5-P-1491-3X
 (20) Input Gear Part No. 5-P-1491-4X
 (21) Input Gear Part No. 5-P-1491-5X
 (22) Input Gear Part No. 5-P-1491-6X
 (23) Input Gear Part No. 5-P-1491-7X

- (24) Input Gear Part No. 5-P-1491-8X
 (25) Input Gear Part No. 5-P-1491-9X
 (26) Input Gear Part No. 5-P-912
 (27) Input Gear Part No. 5-P-913
 (28) Input Gear Part No. 5-P-914
 (29) Input Gear Part No. 5-P-915

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ALLISON

ALL-13

3000 (International - Side/Side PTO Provision) 3000 EVS (Side/Side Power Take-Off Provisions) 3000 MH (Motorhome) 3000 ORS (Side/Side Power Take-Off Provisions) 3000 RDS 3000 SP (Side/Side PTO Option) 3000 TRV 3200 (International - Side/Side PTO Provision)	3200 ORS (Side/Side PTO Provision) 3200 SP (Side/Side PTO Provision) 3200 TRV 3414 RHS 3500 (International - Side/Side PTO Provision) 3500 EVS (Side/Side Power Take-Off Provisions) 3500 OFS 3500 OFS (Oil Field Service)	3500 ORS (Side/Side PTO Provision) 3500 RDS 3500 SP (Side/Side PTO Provision) B 300 B 400 MD3050CR-P MD-3060P (Close Ratio) MD-3060PR (Close Ratio)	MD-3560P (Wide Ratio) MD-3560PR (Wide Ratio)
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LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline

68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TRANSMISSION GEAR DATA:

R.S. 10-BOLT Opening Gear FORWARD of Centerline

68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (17)	300 C	Eng	60			Furnished	281GBFJP-*3 (17)	300 C	Eng	60			Furnished
281GBFJP-*8 (17)	300 C	Eng	56			Furnished	281GBFJP-*8 (17)	300 C	Eng	56			Furnished
281GCFJP-*5 (18)	390 C	Eng	72			Furnished	281GCFJP-*3 (18)	390 C	Eng	72			Furnished
281GCFJP-*8 (18)	390 C	Eng	68			Furnished	281GCFJP-*8 (18)	390 C	Eng	68			Furnished
281GDFJP-*5 (19)	390 C	Eng	87			Furnished	281GDFJP-*3 (19)	390 C	Eng	87			Furnished
281GDFJP-*8 (19)	390 C	Eng	81			Furnished	281GDFJP-*8 (19)	390 C	Eng	81			Furnished
281GGFJP-*5 (20)	360 C	Eng	103			Furnished	281GGFJP-*3 (20)	360 C	Eng	103			Furnished
281GGFJP-*8 (20)	360 C	Eng	96			Furnished	281GGFJP-*8 (20)	360 C	Eng	96			Furnished
281GKFJP-*5 (21)	340 C	Eng	115			Furnished	281GKFJP-*3 (21)	340 C	Eng	115			Furnished
281GMFJP-*5 (22)	318 C	Eng	129			Furnished	281GMFJP-*3 (22)	318 C	Eng	129			Furnished
281GMFJP-*8 (22)	318 C	Eng	119			Furnished	281GMFJP-*8 (22)	318 C	Eng	119			Furnished
281GPFJP-*5 (23)	290 C	Eng	144			Furnished	281GPFJP-*3 (23)	290 C	Eng	144			Furnished
281GPFJP-*8 (23)	290 C	Eng	132			Furnished	281GPFJP-*8 (23)	290 C	Eng	132			Furnished
281GSFJP-*5 (24)	265 C	Eng	161			Furnished	281GSFJP-*3 (24)	265 C	Eng	161			Furnished
281GSFJP-*8 (24)	265 C	Eng	147			Furnished	281GSFJP-*8 (24)	265 C	Eng	147			Furnished
281GTFJP-*5 (25)	240 C	Eng	180			Furnished	281GTFJP-*3 (25)	240 C	Eng	180			Furnished
281GTFJP-*8 (16)	240 C	Eng	173			Furnished	281GTFJP-*8 (16)	240 C	Eng	173			Furnished
871XAFJP-*5 (7)	591 C	Eng	82			Furnished	871XAFJP-*3 (7)	591 C	Eng	82			Furnished
871XBFJP-*5 (8)	557 C	Eng	87			Furnished	871XBFJP-*3 (8)	557 C	Eng	87			Furnished
871XCFJP-*5 (9)	522 C	Eng	93			Furnished	871XCFJP-*3 (9)	522 C	Eng	93			Furnished
871XDFJP-*5 (10)	490 C	Eng	99			Furnished	871XDFJP-*3 (10)	490 C	Eng	99			Furnished
871XEFJP-*5 (11)	429 C	Eng	113			Furnished	871XEFJP-*3 (11)	429 C	Eng	113			Furnished
871XFFJP-*5 (12)	379 C	Eng	128			Furnished	871XFFJP-*3 (12)	379 C	Eng	128			Furnished
871XGFJP-*5 (13)	334 C	Eng	145			Furnished	871XGFJP-*3 (13)	334 C	Eng	145			Furnished
871XHFJP-*5 (14)	315 C	Eng	154			Furnished	871XHFJP-*3 (14)	315 C	Eng	154			Furnished
871XJFJP-*5 (15)	295 C	Eng	164			Furnished	871XJFJP-*3 (15)	295 C	Eng	164			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

(6) Input Gear Part No. 5-P-1428-10X
(7) Input Gear Part No. 5-P-1428-11X
(8) Input Gear Part No. 5-P-1428-12X
(9) Input Gear Part No. 5-P-1428-3X
(10) Input Gear Part No. 5-P-1428-4X
(11) Input Gear Part No. 5-P-1428-5X

(12) Input Gear Part No. 5-P-1428-6X
(13) Input Gear Part No. 5-P-1428-7X
(14) Input Gear Part No. 5-P-1428-8X
(15) Input Gear Part No. 5-P-1428-9X
(16) Input Gear Part No. 5-P-1491-10X
(17) Input Gear Part No. 5-P-1491-1X

(18) Input Gear Part No. 5-P-1491-2X
(19) Input Gear Part No. 5-P-1491-3X
(20) Input Gear Part No. 5-P-1491-4X
(21) Input Gear Part No. 5-P-1491-5X
(22) Input Gear Part No. 5-P-1491-6X
(23) Input Gear Part No. 5-P-1491-7X

(24) Input Gear Part No. 5-P-1491-8X
(25) Input Gear Part No. 5-P-1491-9X

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ALL-13

3000 (International - Side/Side PTO Provision) 3000 EVS (Side/Side Power Take-Off Provisions) 3000 MH (Motorhome) 3000 ORS (Side/Side Power Take-Off Provisions) 3000 RDS 3000 SP (Side/Side PTO Option) 3000 TRV 3200 (International - Side/Side PTO Provision)	3200 ORS (Side/Side PTO Provision) 3200 SP (Side/Side PTO Provision) 3200 TRV 3414 RHS 3500 (International - Side/Side PTO Provision) 3500 EVS (Side/Side Power Take-Off Provisions) 3500 OFS 3500 OFS (Oil Field Service)	3500 ORS (Side/Side PTO Provision) 3500 RDS 3500 SP (Side/Side PTO Provision) B 300 B 400 MD3050CR-P MD-3060P (Close Ratio) MD-3060PR (Close Ratio)	MD-3560P (Wide Ratio) MD-3560PR (Wide Ratio)
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LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TRANSMISSION GEAR DATA:

R.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

281LBFJP-*5 (15)	300 C	Eng	60			Furnished	281LBFJP-*3 (15)	300 C	Eng	60			Furnished
281LCFJP-*5 (16)	390 C	Eng	72			Furnished	281LCFJP-*3 (16)	390 C	Eng	72			Furnished
281LDFJP-*5 (17)	390 C	Eng	87			Furnished	281LDFJP-*3 (17)	390 C	Eng	87			Furnished
281LGFJP-*5 (18)	360 C	Eng	103			Furnished	281LGFJP-*3 (18)	360 C	Eng	103			Furnished
281LKFJP-*5 (19)	340 C	Eng	115			Furnished	281LKFJP-*3 (19)	340 C	Eng	115			Furnished
281LMFJP-*5 (20)	318 C	Eng	129			Furnished	281LMFJP-*3 (20)	318 C	Eng	129			Furnished
281LPFJP-*5 (21)	290 C	Eng	144			Furnished	281LPFJP-*3 (21)	290 C	Eng	144			Furnished
281LSFJP-*5 (22)	265 C	Eng	161			Furnished	281LSFJP-*3 (22)	265 C	Eng	161			Furnished
281LTFJP-*5 (23)	240 C	Eng	180			Furnished	281LTFJP-*3 (23)	240 C	Eng	180			Furnished
871LAFJW-*5 (7)	591 C	Eng	82			Furnished	871LAFJW-*3 (7)	591 C	Eng	82			Furnished
871LBFJW-*5 (8)	557 C	Eng	87			Furnished	871LBFJW-*3 (8)	557 C	Eng	87			Furnished
871LCFJW-*5 (9)	522 C	Eng	93			Furnished	871LCFJW-*3 (9)	522 C	Eng	93			Furnished
871LDFJW-*5 (10)	490 C	Eng	99			Furnished	871LDFJW-*3 (10)	490 C	Eng	99			Furnished
871LEFJW-*5 (11)	429 C	Eng	113			Furnished	871LEFJW-*3 (11)	429 C	Eng	113			Furnished
871LFFJW-*5 (12)	379 C	Eng	128			Furnished	871LFFJW-*3 (12)	379 C	Eng	128			Furnished
871LGFJW-*5 (13)	334 C	Eng	145			Furnished	871LGFJW-*3 (13)	334 C	Eng	145			Furnished
871LHFJW-*5 (14)	315 C	Eng	154			Furnished	871LHFJW-*3 (14)	315 C	Eng	154			Furnished
890LAFJW-*5 (7)	591 C	Eng	82			Furnished	890RAFJW-*5 (7)	591 C	Eng	82			Furnished
890LBFJW-*5 (8)	557 C	Eng	87			Furnished	890RBFJW-*5 (8)	557 C	Eng	87			Furnished
890LCFJW-*5 (9)	522 C	Eng	93			Furnished	890RCFJW-*5 (9)	522 C	Eng	93			Furnished
890LDFJW-*5 (10)	490 C	Eng	99			Furnished	890RDFJW-*5 (10)	490 C	Eng	99			Furnished
890LEFJW-*5 (11)	429 C	Eng	113			Furnished	890REFJW-*5 (11)	429 C	Eng	113			Furnished
890LFFJW-*5 (12)	379 C	Eng	128			Furnished	890RFFJW-*5 (12)	379 C	Eng	128			Furnished
890LGFJW-*5 (13)	334 C	Eng	145			Furnished	890RGFJW-*5 (13)	334 C	Eng	145			Furnished
890LHFJW-*5 (14)	315 C	Eng	154			Furnished	890RHFJW-*5 (14)	315 C	Eng	154			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

(7) Input Gear Part No. 5-P-1428-11X
(8) Input Gear Part No. 5-P-1428-12X
(9) Input Gear Part No. 5-P-1428-3X
(10) Input Gear Part No. 5-P-1428-4X
(11) Input Gear Part No. 5-P-1428-5X
(12) Input Gear Part No. 5-P-1428-6X

(13) Input Gear Part No. 5-P-1428-7X
(14) Input Gear Part No. 5-P-1428-8X
(15) Input Gear Part No. 5-P-1491-1X
(16) Input Gear Part No. 5-P-1491-2X
(17) Input Gear Part No. 5-P-1491-3X
(18) Input Gear Part No. 5-P-1491-4X

(19) Input Gear Part No. 5-P-1491-5X
(20) Input Gear Part No. 5-P-1491-6X
(21) Input Gear Part No. 5-P-1491-7X
(22) Input Gear Part No. 5-P-1491-8X
(23) Input Gear Part No. 5-P-1491-9X

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ALL-13

3000 (International - Side/Side PTO Provision)	3200 ORS (Side/Side PTO Provision)	3500 ORS (Side/Side PTO Provision)	MD-3560P (Wide Ratio)
3000 EVS (Side/Side Power Take-Off Provisions)	3200 SP (Side/Side PTO Provision)	3500 RDS	MD-3560PR (Wide Ratio)
3000 MH (Motorhome)	3200 TRV	3500 SP (Side/Side PTO Provision)	
3000 ORS (Side/Side Power Take-Off Provisions)	3414 RHS	B 300	
3000 RDS	3500 (International - Side/Side PTO Provision)	B 400	
3000 SP (Side/Side PTO Option)	3500 EVS (Side/Side Power Take-Off Provisions)	MD3050CR-P	
3000 TRV	3500 OFS	MD-3060P (Close Ratio)	
3200 (International - Side/Side PTO Provision)	3500 OFS (Oil Field Service)	MD-3060PR (Close Ratio)	

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline

68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TRANSMISSION GEAR DATA:

R.S. 10-BOLT Opening Gear FORWARD of Centerline

68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH EXTENDED SHAFT

878LAFJW-*5 (7)	591 C	Eng	82			Furnished	878LAFJW-*3 (7)	591 C	Eng	82			Furnished
878LBFJW-*5 (8)	557 C	Eng	87			Furnished	878LBFJW-*3 (8)	557 C	Eng	87			Furnished
878LCFJW-*5 (9)	522 C	Eng	93			Furnished	878LCFJW-*3 (9)	522 C	Eng	93			Furnished
878LDFJW-*5 (10)	490 C	Eng	99			Furnished	878LDFJW-*3 (10)	490 C	Eng	99			Furnished
878LEFJW-*5 (11)	429 C	Eng	113			Furnished	878LEFJW-*3 (11)	429 C	Eng	113			Furnished
878LFFJW-*5 (12)	379 C	Eng	128			Furnished	878LFFJW-*3 (12)	379 C	Eng	128			Furnished
878LGFJW-*5 (13)	334 C	Eng	145			Furnished	878LGFJW-*3 (13)	334 C	Eng	145			Furnished
878LHFJW-*5 (14)	315 C	Eng	154			Furnished	878LHFJW-*3 (14)	315 C	Eng	154			Furnished
897LAFJW-*5 (7)	591 C	Eng	82			Furnished	897LAFJW-*5 (7)	591 C	Eng	82			Furnished
897LBFJW-*5 (8)	557 C	Eng	87			Furnished	897LBFJW-*5 (8)	557 C	Eng	87			Furnished
897LCFJW-*5 (9)	522 C	Eng	93			Furnished	897LCFJW-*5 (9)	522 C	Eng	93			Furnished
897LDFJW-*5 (10)	490 C	Eng	99			Furnished	897LDFJW-*5 (10)	490 C	Eng	99			Furnished
897LEFJW-*5 (11)	429 C	Eng	113			Furnished	897LEFJW-*5 (11)	429 C	Eng	113			Furnished
897LFFJW-*5 (12)	379 C	Eng	128			Furnished	897LFFJW-*5 (12)	379 C	Eng	128			Furnished
897LGFJW-*5 (13)	334 C	Eng	145			Furnished	897LGFJW-*5 (13)	334 C	Eng	145			Furnished
897LHFJW-*5 (14)	315 C	Eng	154			Furnished	897LHFJW-*5 (14)	315 C	Eng	154			Furnished

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

(7) Input Gear Part No. 5-P-1428-11X
 (8) Input Gear Part No. 5-P-1428-12X
 (9) Input Gear Part No. 5-P-1428-3X
 (10) Input Gear Part No. 5-P-1428-4X
 (11) Input Gear Part No. 5-P-1428-5X
 (12) Input Gear Part No. 5-P-1428-6X

(13) Input Gear Part No. 5-P-1428-7X
 (14) Input Gear Part No. 5-P-1428-8X

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ALLISON

ALL-13C

3000 (3000 Family - Side/Side PTO Provision w/ Integral Cooler)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH

267SBFJP-*5 (4)	402 I	Eng	72			Furnished	267SBFJP-*3 (4)	402 I	Eng	72			Furnished
267SDFJP-*5 (3)	390 I	Eng	87			Furnished	267SDFJP-*3 (3)	390 I	Eng	87			Furnished
267SGFJP-*5 (2)	360 I	Eng	103			Furnished	267SGFJP-*3 (2)	360 I	Eng	103			Furnished
267SMFJP-*5 (5)	318 I	Eng	129			Furnished	267SMFJP-*3 (5)	318 I	Eng	129			Furnished
267SSFJP-*5 (1)	265 I	Eng	161			Furnished	267SSFJP-*3 (1)	265 I	Eng	161			Furnished
267XBFJP-*5 (25)	335 I	Eng	72			Furnished	267XBFJP-*3 (25)	335 I	Eng	72			Furnished
267XDFJP-*5 (26)	325 I	Eng	87			Furnished	267XDFJP-*3 (26)	325 I	Eng	87			Furnished
267XGFJP-*5 (27)	300 I	Eng	103			Furnished	267XGFJP-*3 (27)	300 I	Eng	103			Furnished
267XMFJP-*5 (28)	265 I	Eng	129			Furnished	267XMFJP-*3 (28)	265 I	Eng	129			Furnished
267XSFJP-*5 (1)	250 I	Eng	161			Furnished	267XSFJP-*3 (1)	250 I	Eng	161			Furnished
288GBFJP-*5 (16)	300 C	Eng	60			Furnished	288GBFJP-*3 (16)	300 C	Eng	60			Furnished
288GBFJP-*8 (16)	300 C	Eng	56			Furnished	288GBFJP-*8 (16)	300 C	Eng	56			Furnished
288GCFJP-*5 (17)	390 C	Eng	72			Furnished	288GCFJP-*3 (17)	390 C	Eng	72			Furnished
288GCFJP-*8 (17)	390 C	Eng	68			Furnished	288GCFJP-*8 (17)	390 C	Eng	68			Furnished
288GDFJP-*5 (18)	390 C	Eng	87			Furnished	288GDFJP-*3 (18)	390 C	Eng	87			Furnished
288GDFJP-*8 (18)	390 C	Eng	81			Furnished	288GDFJP-*8 (18)	390 C	Eng	81			Furnished
288GGFJP-*5 (19)	360 C	Eng	103			Furnished	288GGFJP-*3 (19)	360 C	Eng	103			Furnished
288GGFJP-*8 (19)	360 C	Eng	96			Furnished	288GGFJP-*8 (19)	360 C	Eng	96			Furnished
288GKFJP-*5 (20)	340 C	Eng	115			Furnished	288GKFJP-*3 (20)	340 C	Eng	115			Furnished
288GMFJP-*5 (21)	318 C	Eng	129			Furnished	288GMFJP-*3 (21)	318 C	Eng	129			Furnished
288GMFJP-*8 (21)	318 C	Eng	119			Furnished	288GMFJP-*8 (21)	318 C	Eng	119			Furnished
288GPFJP-*5 (22)	290 C	Eng	144			Furnished	288GPFJP-*3 (22)	290 C	Eng	144			Furnished
288GPFJP-*8 (22)	290 C	Eng	132			Furnished	288GPFJP-*8 (22)	290 C	Eng	132			Furnished
288GSFJP-*5 (23)	265 C	Eng	161			Furnished	288GSFJP-*3 (23)	265 C	Eng	161			Furnished
288GSFJP-*8 (23)	265 C	Eng	147			Furnished	288GSFJP-*8 (23)	265 C	Eng	147			Furnished
288GTFJP-*5 (24)	240 C	Eng	180			Furnished	288GTFJP-*3 (24)	240 C	Eng	180			Furnished
288GTFJP-*8 (15)	240 C	Eng	173			Furnished	288GTFJP-*8 (15)	240 C	Eng	173			Furnished
878XAFJP-*5 (6)	591 C	Eng	82			Furnished	878XAFJP-*3 (6)	591 C	Eng	82			Furnished
878XBFJP-*5 (7)	557 C	Eng	87			Furnished	878XBFJP-*3 (7)	557 C	Eng	87			Furnished
878XCFJP-*5 (8)	522 C	Eng	93			Furnished	878XCFJP-*3 (8)	522 C	Eng	93			Furnished
878XDFJP-*5 (9)	490 C	Eng	99			Furnished	878XDFJP-*3 (9)	490 C	Eng	99			Furnished
878XEFJP-*5 (10)	429 C	Eng	113			Furnished	878XEFJP-*3 (10)	429 C	Eng	113			Furnished
878XFFJP-*5 (11)	379 C	Eng	128			Furnished	878XFFJP-*3 (11)	379 C	Eng	128			Furnished
878XGFJP-*5 (12)	334 C	Eng	145			Furnished	878XGFJP-*3 (12)	334 C	Eng	145			Furnished
878XHFJP-*5 (13)	315 C	Eng	154			Furnished	878XHFJP-*3 (13)	315 C	Eng	154			Furnished
878XJFJP-*5 (14)	295 C	Eng	164			Furnished	878XJFJP-*3 (14)	295 C	Eng	164			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

- (1) Input Gear Part No. 5-P-1173
(2) Input Gear Part No. 5-P-1225
(3) Input Gear Part No. 5-P-1293
(4) Input Gear Part No. 5-P-1350
(5) Input Gear Part No. 5-P-1351
(6) Input Gear Part No. 5-P-1428-11x

- (7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(15) Input Gear Part No. 5-P-1491-10X
(16) Input Gear Part No. 5-P-1491-1X

- (17) Input Gear Part No. 5-P-1491-2X
(18) Input Gear Part No. 5-P-1491-3X
(19) Input Gear Part No. 5-P-1491-4X
(20) Input Gear Part No. 5-P-1491-5X
(21) Input Gear Part No. 5-P-1491-6X
(22) Input Gear Part No. 5-P-1491-7X

- (23) Input Gear Part No. 5-P-1491-8X
(24) Input Gear Part No. 5-P-1491-9X
(25) Input Gear Part No. 5-P-912
(26) Input Gear Part No. 5-P-913
(27) Input Gear Part No. 5-P-914
(28) Input Gear Part No. 5-P-915

CHELSEA®

ALLISON

ALL-13C

3000 (3000 Family - Side/Side PTO Provision w/ Integral Cooler)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (16)	300 C	Eng	60			Furnished	281GBFJP-*3 (16)	300 C	Eng	60			Furnished
281GBFJP-*8 (16)	300 C	Eng	56			Furnished	281GBFJP-*8 (16)	300 C	Eng	56			Furnished
281GCFJP-*5 (17)	390 C	Eng	72			Furnished	281GCFJP-*3 (17)	390 C	Eng	72			Furnished
281GCFJP-*8 (17)	390 C	Eng	68			Furnished	281GCFJP-*8 (17)	390 C	Eng	68			Furnished
281GDFJP-*5 (18)	390 C	Eng	87			Furnished	281GDFJP-*3 (18)	390 C	Eng	87			Furnished
281GDFJP-*8 (18)	390 C	Eng	81			Furnished	281GDFJP-*8 (18)	390 C	Eng	81			Furnished
281GGFJP-*5 (19)	360 C	Eng	103			Furnished	281GGFJP-*3 (19)	360 C	Eng	103			Furnished
281GGFJP-*8 (19)	360 C	Eng	96			Furnished	281GGFJP-*8 (19)	360 C	Eng	96			Furnished
281GKFJP-*5 (20)	340 C	Eng	115			Furnished	281GKFJP-*3 (20)	340 C	Eng	115			Furnished
281GMFJP-*5 (21)	318 C	Eng	129			Furnished	281GMFJP-*3 (21)	318 C	Eng	129			Furnished
281GMFJP-*8 (21)	318 C	Eng	119			Furnished	281GMFJP-*8 (21)	318 C	Eng	119			Furnished
281GPFJP-*5 (22)	290 C	Eng	144			Furnished	281GPFJP-*3 (22)	290 C	Eng	144			Furnished
281GPFJP-*8 (22)	290 C	Eng	132			Furnished	281GPFJP-*8 (22)	290 C	Eng	132			Furnished
281GSFJP-*5 (23)	265 C	Eng	161			Furnished	281GSFJP-*3 (23)	265 C	Eng	161			Furnished
281GSFJP-*8 (23)	265 C	Eng	147			Furnished	281GSFJP-*8 (23)	265 C	Eng	147			Furnished
281GTFJP-*5 (24)	240 C	Eng	180			Furnished	281GTFJP-*3 (24)	240 C	Eng	180			Furnished
281GTFJP-*8 (15)	240 C	Eng	173			Furnished	281GTFJP-*8 (15)	240 C	Eng	173			Furnished
871XAFJP-*5 (6)	591 C	Eng	82			Furnished	871XAFJP-*3 (6)	591 C	Eng	82			Furnished
871XBFJP-*5 (7)	557 C	Eng	87			Furnished	871XBFJP-*3 (7)	557 C	Eng	87			Furnished
871XCFJP-*5 (8)	522 C	Eng	93			Furnished	871XCFJP-*3 (8)	522 C	Eng	93			Furnished
871XDFJP-*5 (9)	490 C	Eng	99			Furnished	871XDFJP-*3 (9)	490 C	Eng	99			Furnished
871XEFJP-*5 (10)	429 C	Eng	113			Furnished	871XEFJP-*3 (10)	429 C	Eng	113			Furnished
871XFFJP-*5 (11)	379 C	Eng	128			Furnished	871XFFJP-*3 (11)	379 C	Eng	128			Furnished
871XGFJP-*5 (12)	334 C	Eng	145			Furnished	871XGFJP-*3 (12)	334 C	Eng	145			Furnished
871XHFJP-*5 (13)	315 C	Eng	154			Furnished	871XHFJP-*3 (13)	315 C	Eng	154			Furnished
871XJFJP-*5 (14)	295 C	Eng	164			Furnished	871XJFJP-*3 (14)	295 C	Eng	164			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

(6) Input Gear Part No. 5-P-1428-11X
(7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1428-7X
(13) Input Gear Part No. 5-P-1428-8X
(14) Input Gear Part No. 5-P-1428-9X
(15) Input Gear Part No. 5-P-1491-10X
(16) Input Gear Part No. 5-P-1491-1X
(17) Input Gear Part No. 5-P-1491-2X

(18) Input Gear Part No. 5-P-1491-3X
(19) Input Gear Part No. 5-P-1491-4X
(20) Input Gear Part No. 5-P-1491-5X
(21) Input Gear Part No. 5-P-1491-6X
(22) Input Gear Part No. 5-P-1491-7X
(23) Input Gear Part No. 5-P-1491-8X

(24) Input Gear Part No. 5-P-1491-9X

CHELSEA®

ALLISON

ALL-13C

3000 (3000 Family - Side/Side PTO Provision w/ Integral Cooler)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TRANSMISSION GEAR DATA:

R.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq	Dir Rot	Engine %		Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq	Dir Rot	Engine %		Filler Block	Adapter ASSY	Stud Kit
	I / C †		Fwd	Rev					I / C †		Fwd	Rev			
ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT															
871LAFJW-*5 (6)	591 C	Eng	82				Furnished	871LAFJW-*3 (6)	591 C	Eng	82				Furnished
871LBFJW-*5 (7)	557 C	Eng	87				Furnished	871LBFJW-*3 (7)	557 C	Eng	87				Furnished
871LCFJW-*5 (8)	522 C	Eng	93				Furnished	871LCFJW-*3 (8)	522 C	Eng	93				Furnished
871LDFJW-*5 (9)	490 C	Eng	99				Furnished	871LDFJW-*3 (9)	490 C	Eng	99				Furnished
871LEFJW-*5 (10)	429 C	Eng	113				Furnished	871LEFJW-*3 (10)	429 C	Eng	113				Furnished
871LFFJW-*5 (11)	379 C	Eng	128				Furnished	871LFFJW-*3 (11)	379 C	Eng	128				Furnished
871LGFJW-*5 (12)	334 C	Eng	145				Furnished	871LGFJW-*3 (12)	334 C	Eng	145				Furnished
871LHFJW-*5 (13)	315 C	Eng	154				Furnished	871LHFJW-*3 (13)	315 C	Eng	154				Furnished
890NAFJW-*3 (6)	591 C	Eng	82				Furnished	890RAFJW-*5 (6)	591 C	Eng	82				Furnished
890NBFJW-*3 (7)	557 C	Eng	87				Furnished	890RBFJW-*5 (7)	557 C	Eng	87				Furnished
890NCFJW-*3 (8)	522 C	Eng	93				Furnished	890RCFJW-*5 (8)	522 C	Eng	93				Furnished
890NDFJW-*3 (9)	490 C	Eng	99				Furnished	890RDFJW-*5 (9)	490 C	Eng	99				Furnished
890NEFJW-*3 (10)	429 C	Eng	113				Furnished	890REFJW-*5 (10)	429 C	Eng	113				Furnished
890NFFJW-*3 (11)	379 C	Eng	128				Furnished	890RFFJW-*5 (11)	379 C	Eng	128				Furnished
890NGFJW-*3 (12)	334 C	Eng	145				Furnished	890RGFJW-*5 (12)	334 C	Eng	145				Furnished
890NHFJW-*3 (13)	315 C	Eng	154				Furnished	890RHFJW-*5 (13)	315 C	Eng	154				Furnished

ONE SPEED - CONSTANT MESH EXTENDED SHAFT

878LAFJW-*5 (6)	591 C	Eng	82				Furnished	878LAFJW-*3 (6)	591 C	Eng	82				Furnished
878LBFJW-*5 (7)	557 C	Eng	87				Furnished	878LBFJW-*3 (7)	557 C	Eng	87				Furnished
878LCFJW-*5 (8)	522 C	Eng	93				Furnished	878LCFJW-*3 (8)	522 C	Eng	93				Furnished
878LDFJW-*5 (9)	490 C	Eng	99				Furnished	878LDFJW-*3 (9)	490 C	Eng	99				Furnished
878LEFJW-*5 (10)	429 C	Eng	113				Furnished	878LEFJW-*3 (10)	429 C	Eng	113				Furnished
878LFFJW-*5 (11)	379 C	Eng	128				Furnished	878LFFJW-*3 (11)	379 C	Eng	128				Furnished
878LGFJW-*5 (12)	334 C	Eng	145				Furnished	878LGFJW-*3 (12)	334 C	Eng	145				Furnished
878LHFJW-*5 (13)	315 C	Eng	154				Furnished	878LHFJW-*3 (13)	315 C	Eng	154				Furnished
897NAFJW-*3 (6)	591 C	Eng	82				Furnished	897RAFJW-*5 (6)	591 C	Eng	82				Furnished
897NBFJW-*3 (7)	557 C	Eng	87				Furnished	897RBFJW-*5 (7)	557 C	Eng	87				Furnished
897NCFJW-*3 (8)	522 C	Eng	93				Furnished	897RCFJW-*5 (8)	522 C	Eng	93				Furnished
897NDFJW-*3 (9)	490 C	Eng	99				Furnished	897RDFJW-*5 (9)	490 C	Eng	99				Furnished
897NEFJW-*3 (10)	429 C	Eng	113				Furnished	897REFJW-*5 (10)	429 C	Eng	113				Furnished
897NFFJW-*3 (11)	379 C	Eng	128				Furnished	897RFFJW-*5 (11)	379 C	Eng	128				Furnished
897NGFJW-*3 (12)	334 C	Eng	145				Furnished	897RGFJW-*5 (12)	334 C	Eng	145				Furnished
897NHFJW-*3 (13)	315 C	Eng	154				Furnished	897RHFJW-*5 (13)	315 C	Eng	154				Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.**CAUTION:** To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

(6) Input Gear Part No. 5-P-1428-11X
 (7) Input Gear Part No. 5-P-1428-12X
 (8) Input Gear Part No. 5-P-1428-3X
 (9) Input Gear Part No. 5-P-1428-4X
 (10) Input Gear Part No. 5-P-1428-5X
 (11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1428-7X
 (13) Input Gear Part No. 5-P-1428-8X

CHELSEA®

ALLISON

ALL-13EC

3000 (Econic) (3000 Family - Side/Side PTO Provision w/ Integral Cooler
Daimler Econic)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq	Dir Rot	Engine %		Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq	Dir Rot	Engine %		Filler Block	Adapter ASSY	Stud Kit
	I / C †		Fwd	Rev					I / C †		Fwd	Rev			

ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

871LAFJW-*3 (1)	591 C	Eng	82				Furnished
871LBFJW-*3 (2)	557 C	Eng	87				Furnished
871LCFJW-*3 (3)	522 C	Eng	93				Furnished
871LDFJW-*3 (4)	490 C	Eng	99				Furnished
871LEFJW-*3 (5)	429 C	Eng	113				Furnished
871LFFJW-*3 (6)	379 C	Eng	128				Furnished
871LGFJW-*3 (7)	334 C	Eng	145				Furnished
871LHFJW-*3 (8)	315 C	Eng	154				Furnished

ONE SPEED - CONSTANT MESH EXTENDED SHAFT

878LAFJW-*3 (1)	591 C	Eng	82				Furnished
878LBFJW-*3 (2)	557 C	Eng	87				Furnished
878LCFJW-*3 (3)	522 C	Eng	93				Furnished
878LDFJW-*3 (4)	490 C	Eng	99				Furnished
878LEFJW-*3 (5)	429 C	Eng	113				Furnished
878LFFJW-*3 (6)	379 C	Eng	128				Furnished
878LGFJW-*3 (7)	334 C	Eng	145				Furnished
878LHFJW-*3 (8)	315 C	Eng	154				Furnished

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† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page.
Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

(1) Input Gear Part No. 5-P-1428-11X
(2) Input Gear Part No. 5-P-1428-12X
(3) Input Gear Part No. 5-P-1428-3X
(4) Input Gear Part No. 5-P-1428-4X
(5) Input Gear Part No. 5-P-1428-5X
(6) Input Gear Part No. 5-P-1428-6X

(7) Input Gear Part No. 5-P-1428-7X
(8) Input Gear Part No. 5-P-1428-8X

CHELSEA®

ALLISON

ALL-13R

3000 (3000 Family - Side/Side PTO Provision w/ Retarder)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH

267SBFJP-*5 (4)	402 I	Eng	72			Furnished	267SBFJP-*3 (4)	402 I	Eng	72			Furnished
267SDFJP-*5 (3)	390 I	Eng	87			Furnished	267SDFJP-*3 (3)	390 I	Eng	87			Furnished
267SGFJP-*5 (2)	360 I	Eng	103			Furnished	267SGFJP-*3 (2)	360 I	Eng	103			Furnished
267SMFJP-*5 (5)	318 I	Eng	129			Furnished	267SMFJP-*3 (5)	318 I	Eng	129			Furnished
267SSFJP-*5 (1)	265 I	Eng	161			Furnished	267SSFJP-*3 (1)	265 I	Eng	161			Furnished
267XBFJP-*5 (25)	335 I	Eng	72			Furnished	267XBFJP-*3 (25)	335 I	Eng	72			Furnished
267XDFJP-*5 (26)	325 I	Eng	87			Furnished	267XDFJP-*3 (26)	325 I	Eng	87			Furnished
267XGFJP-*5 (27)	300 I	Eng	103			Furnished	267XGFJP-*3 (27)	300 I	Eng	103			Furnished
267XMFJP-*5 (28)	265 I	Eng	129			Furnished	267XMFJP-*3 (28)	265 I	Eng	129			Furnished
267XSFJP-*5 (1)	250 I	Eng	161			Furnished	267XSFJP-*3 (1)	250 I	Eng	161			Furnished
288GBFJP-*5 (16)	300 C	Eng	60			Furnished	288GBFJP-*3 (16)	300 C	Eng	60			Furnished
288GBFJP-*8 (16)	300 C	Eng	56			Furnished	288GBFJP-*8 (16)	300 C	Eng	56			Furnished
288GCFJP-*5 (17)	390 C	Eng	72			Furnished	288GCFJP-*3 (17)	390 C	Eng	72			Furnished
288GCFJP-*8 (17)	390 C	Eng	68			Furnished	288GCFJP-*8 (17)	390 C	Eng	68			Furnished
288GDFJP-*5 (18)	390 C	Eng	87			Furnished	288GDFJP-*3 (18)	390 C	Eng	87			Furnished
288GDFJP-*8 (18)	390 C	Eng	81			Furnished	288GDFJP-*8 (18)	390 C	Eng	81			Furnished
288GGFJP-*5 (19)	360 C	Eng	103			Furnished	288GGFJP-*3 (19)	360 C	Eng	103			Furnished
288GGFJP-*8 (19)	360 C	Eng	96			Furnished	288GGFJP-*8 (19)	360 C	Eng	96			Furnished
288GKFJP-*5 (20)	340 C	Eng	115			Furnished	288GKFJP-*3 (20)	340 C	Eng	115			Furnished
288GMFJP-*5 (21)	318 C	Eng	129			Furnished	288GMFJP-*3 (21)	318 C	Eng	129			Furnished
288GMFJP-*8 (21)	318 C	Eng	119			Furnished	288GMFJP-*8 (21)	318 C	Eng	119			Furnished
288GPFJP-*5 (22)	290 C	Eng	144			Furnished	288GPFJP-*3 (22)	290 C	Eng	144			Furnished
288GPFJP-*8 (22)	290 C	Eng	132			Furnished	288GPFJP-*8 (22)	290 C	Eng	132			Furnished
288GSFJP-*5 (23)	265 C	Eng	161			Furnished	288GSFJP-*3 (23)	265 C	Eng	161			Furnished
288GSFJP-*8 (23)	265 C	Eng	147			Furnished	288GSFJP-*8 (23)	265 C	Eng	147			Furnished
288GTFJP-*5 (24)	240 C	Eng	180			Furnished	288GTFJP-*3 (24)	240 C	Eng	180			Furnished
288GTFJP-*8 (15)	240 C	Eng	173			Furnished	288GTFJP-*8 (15)	240 C	Eng	173			Furnished
878XAFJP-*5 (6)	591 C	Eng	82			Furnished	878XAFJP-*3 (6)	591 C	Eng	82			Furnished
878XBFJP-*5 (7)	557 C	Eng	87			Furnished	878XBFJP-*3 (7)	557 C	Eng	87			Furnished
878XCFJP-*5 (8)	522 C	Eng	93			Furnished	878XCFJP-*3 (8)	522 C	Eng	93			Furnished
878XDFJP-*5 (9)	490 C	Eng	99			Furnished	878XDFJP-*3 (9)	490 C	Eng	99			Furnished
878XEFJP-*5 (10)	429 C	Eng	113			Furnished	878XEFJP-*3 (10)	429 C	Eng	113			Furnished
878XFFJP-*5 (11)	379 C	Eng	128			Furnished	878XFFJP-*3 (11)	379 C	Eng	128			Furnished
878XGFJP-*5 (12)	334 C	Eng	145			Furnished	878XGFJP-*3 (12)	334 C	Eng	145			Furnished
878XHFJP-*5 (13)	315 C	Eng	154			Furnished	878XHFJP-*3 (13)	315 C	Eng	154			Furnished
878XJFJP-*5 (14)	295 C	Eng	164			Furnished	878XJFJP-*3 (14)	295 C	Eng	164			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

- (1) Input Gear Part No. 5-P-1173
(2) Input Gear Part No. 5-P-1225
(3) Input Gear Part No. 5-P-1293
(4) Input Gear Part No. 5-P-1350
(5) Input Gear Part No. 5-P-1351
(6) Input Gear Part No. 5-P-1428-11X

- (7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(15) Input Gear Part No. 5-P-1491-10X
(16) Input Gear Part No. 5-P-1491-1X

- (17) Input Gear Part No. 5-P-1491-2X
(18) Input Gear Part No. 5-P-1491-3X
(19) Input Gear Part No. 5-P-1491-4X
(20) Input Gear Part No. 5-P-1491-5X
(21) Input Gear Part No. 5-P-1491-6X
(22) Input Gear Part No. 5-P-1491-7X

- (23) Input Gear Part No. 5-P-1491-8X
(24) Input Gear Part No. 5-P-1491-9X
(25) Input Gear Part No. 5-P-912
(26) Input Gear Part No. 5-P-913
(27) Input Gear Part No. 5-P-914
(28) Input Gear Part No. 5-P-915

CHELSEA®

ALLISON

ALL-13R

3000 (3000 Family - Side/Side PTO Provision w/ Retarder)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (16)	300 C	Eng	60			Furnished	281GBFJP-*3 (16)	300 C	Eng	60			Furnished
281GBFJP-*8 (16)	300 C	Eng	56			Furnished	281GBFJP-*8 (16)	300 C	Eng	56			Furnished
281GCFJP-*5 (17)	390 C	Eng	72			Furnished	281GCFJP-*3 (17)	390 C	Eng	72			Furnished
281GCFJP-*8 (17)	390 C	Eng	68			Furnished	281GCFJP-*8 (17)	390 C	Eng	68			Furnished
281GDFJP-*5 (18)	390 C	Eng	87			Furnished	281GDFJP-*3 (18)	390 C	Eng	87			Furnished
281GDFJP-*8 (18)	390 C	Eng	81			Furnished	281GDFJP-*8 (18)	390 C	Eng	81			Furnished
281GGFJP-*5 (19)	360 C	Eng	103			Furnished	281GGFJP-*3 (19)	360 C	Eng	103			Furnished
281GGFJP-*8 (19)	360 C	Eng	96			Furnished	281GGFJP-*8 (19)	360 C	Eng	96			Furnished
281GKFJP-*5 (20)	340 C	Eng	115			Furnished	281GKFJP-*3 (20)	340 C	Eng	115			Furnished
281GMFJP-*5 (21)	318 C	Eng	129			Furnished	281GMFJP-*3 (21)	318 C	Eng	129			Furnished
281GMFJP-*8 (21)	318 C	Eng	119			Furnished	281GMFJP-*8 (21)	318 C	Eng	119			Furnished
281GPFJP-*5 (22)	290 C	Eng	144			Furnished	281GPFJP-*3 (22)	290 C	Eng	144			Furnished
281GPFJP-*8 (22)	290 C	Eng	132			Furnished	281GPFJP-*8 (22)	290 C	Eng	132			Furnished
281GSFJP-*5 (23)	265 C	Eng	161			Furnished	281GSFJP-*3 (23)	265 C	Eng	161			Furnished
281GSFJP-*8 (23)	265 C	Eng	147			Furnished	281GSFJP-*8 (23)	265 C	Eng	147			Furnished
281GTFJP-*5 (24)	240 C	Eng	180			Furnished	281GTFJP-*3 (24)	240 C	Eng	180			Furnished
281GTFJP-*8 (15)	240 C	Eng	173			Furnished	281GTFJP-*8 (15)	240 C	Eng	173			Furnished
871XAFJP-*5 (6)	591 C	Eng	82			Furnished	871XAFJP-*3 (6)	591 C	Eng	82			Furnished
871XBFJP-*5 (7)	557 C	Eng	87			Furnished	871XBFJP-*3 (7)	557 C	Eng	87			Furnished
871XCFJP-*5 (8)	522 C	Eng	93			Furnished	871XCFJP-*3 (8)	522 C	Eng	93			Furnished
871XDFJP-*5 (9)	490 C	Eng	99			Furnished	871XDFJP-*3 (9)	490 C	Eng	99			Furnished
871XEFJP-*5 (10)	429 C	Eng	113			Furnished	871XEFJP-*3 (10)	429 C	Eng	113			Furnished
871XFFJP-*5 (11)	379 C	Eng	128			Furnished	871XFFJP-*3 (11)	379 C	Eng	128			Furnished
871XGFJP-*5 (12)	334 C	Eng	145			Furnished	871XGFJP-*3 (12)	334 C	Eng	145			Furnished
871XHFJP-*5 (13)	315 C	Eng	154			Furnished	871XHFJP-*3 (13)	315 C	Eng	154			Furnished
871XJFJP-*5 (14)	295 C	Eng	164			Furnished	871XJFJP-*3 (14)	295 C	Eng	164			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

(6) Input Gear Part No. 5-P-1428-11X
(7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1428-7X
(13) Input Gear Part No. 5-P-1428-8X
(14) Input Gear Part No. 5-P-1428-9X
(15) Input Gear Part No. 5-P-1491-10X
(16) Input Gear Part No. 5-P-1491-1X
(17) Input Gear Part No. 5-P-1491-2X

(18) Input Gear Part No. 5-P-1491-3X
(19) Input Gear Part No. 5-P-1491-4X
(20) Input Gear Part No. 5-P-1491-5X
(21) Input Gear Part No. 5-P-1491-6X
(22) Input Gear Part No. 5-P-1491-7X
(23) Input Gear Part No. 5-P-1491-8X

(24) Input Gear Part No. 5-P-1491-9X

CHELSEA®

ALLISON

ALL-13R

3000 (3000 Family - Side/Side PTO Provision w/ Retarder)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

871LAFJW-*5 (6)	591 C	Eng	82			Furnished	871LAFJW-*3 (6)	591 C	Eng	82			Furnished
871LBFJW-*5 (7)	557 C	Eng	87			Furnished	871LBFJW-*3 (7)	557 C	Eng	87			Furnished
871LCFJW-*5 (8)	522 C	Eng	93			Furnished	871LCFJW-*3 (8)	522 C	Eng	93			Furnished
871LDFJW-*5 (9)	490 C	Eng	99			Furnished	871LDFJW-*3 (9)	490 C	Eng	99			Furnished
871LEFJW-*5 (10)	429 C	Eng	113			Furnished	871LEFJW-*3 (10)	429 C	Eng	113			Furnished
871LFFJW-*5 (11)	379 C	Eng	128			Furnished	871LFFJW-*3 (11)	379 C	Eng	128			Furnished
871LGFJW-*5 (12)	334 C	Eng	145			Furnished	871LGFJW-*3 (12)	334 C	Eng	145			Furnished
871LHFJW-*5 (13)	315 C	Eng	154			Furnished	871LHFJW-*3 (13)	315 C	Eng	154			Furnished
890MAFJW-*5 (6)	591 C	Eng	82			Furnished							
890MBFJW-*5 (7)	557 C	Eng	87			Furnished							
890MCFJW-*5 (8)	522 C	Eng	93			Furnished							
890MDFJW-*5 (9)	490 C	Eng	99			Furnished							
890MEFJW-*5 (10)	429 C	Eng	113			Furnished							
890MFFJW-*5 (11)	379 C	Eng	128			Furnished							
890MGFJW-*5 (12)	334 C	Eng	145			Furnished							
890MHFJW-*5 (13)	315 C	Eng	154			Furnished							

ONE SPEED - CONSTANT MESH EXTENDED SHAFT

878LAFJW-*5 (6)	591 C	Eng	82			Furnished	878LAFJW-*3 (6)	591 C	Eng	82			Furnished
878LBFJW-*5 (7)	557 C	Eng	87			Furnished	878LBFJW-*3 (7)	557 C	Eng	87			Furnished
878LCFJW-*5 (8)	522 C	Eng	93			Furnished	878LCFJW-*3 (8)	522 C	Eng	93			Furnished
878LDFJW-*5 (9)	490 C	Eng	99			Furnished	878LDFJW-*3 (9)	490 C	Eng	99			Furnished
878LEFJW-*5 (10)	429 C	Eng	113			Furnished	878LEFJW-*3 (10)	429 C	Eng	113			Furnished
878LFFJW-*5 (11)	379 C	Eng	128			Furnished	878LFFJW-*3 (11)	379 C	Eng	128			Furnished
878LGFJW-*5 (12)	334 C	Eng	145			Furnished	878LGFJW-*3 (12)	334 C	Eng	145			Furnished
878LHFJW-*5 (13)	315 C	Eng	154			Furnished	878LHFJW-*3 (13)	315 C	Eng	154			Furnished
897MAFJW-*5 (6)	591 C	Eng	82			Furnished							
897MBFJW-*5 (7)	557 C	Eng	87			Furnished							
897MCFJW-*5 (8)	522 C	Eng	93			Furnished							
897MDFJW-*5 (9)	490 C	Eng	99			Furnished							
897MEFJW-*5 (10)	429 C	Eng	113			Furnished							
897MFFJW-*5 (11)	379 C	Eng	128			Furnished							
897MGFJW-*5 (12)	334 C	Eng	145			Furnished							
897MHFJW-*5 (13)	315 C	Eng	154			Furnished							

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

(6) Input Gear Part No. 5-P-1428-11X
(7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1428-7X
(13) Input Gear Part No. 5-P-1428-8X

CHELSEA®

ALLISON

ALL-14

4000 EVS 4000 MH 4000 RDS 4000 TRV 4430 4430 ORS 4430 SP 4440	4500 EVS 4500 RDS B 500 HD-4060P (Close Ratio) HD-4070P HD-4560P (Wide Ratio)		
LEFT SIDE ONLY		RIGHT SIDE ONLY	
TRANSMISSION GEAR DATA: L.S. 10-BOLT Opening Gear FORWARD of Centerline 97 Teeth - L.H. HELIX PITCH LINE TO APERTURE FACE: 1.7799" (45.2100 mm)		TRANSMISSION GEAR DATA: TOP 10-BOLT Opening Gear FORWARD of Centerline 97 Teeth - L.H. HELIX PITCH LINE TO APERTURE FACE: 1.7799" (45.2100 mm)	

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
ONE SPEED - CONSTANT MESH													
267SBFJP-*5 (4)	402 I	Eng	103			Furnished	267SBFJP-*3 (4)	402 I	Eng	103			Furnished
267SDFJP-*5 (3)	390 I	Eng	123			Furnished	267SDFJP-*3 (4)	390 I	Eng	123			Furnished
267SGFJP-*5 (2)	360 I	Eng	147			Furnished	267SGFJP-*3 (2)	360 I	Eng	147			Furnished
267SMFJP-*5 (5)	318 I	Eng	184			Furnished	267SMFJP-*3 (5)	318 I	Eng	184			Furnished
267SSFJP-*5 (1)	265 I	Eng	229			Furnished	267SSFJP-*3 (1)	265 I	Eng	229			Furnished
267XBFJP-*5 (23)	335 I	Eng	103			Furnished	267XBFJP-*3 (23)	335 I	Eng	103			Furnished
267XDFJP-*5 (24)	325 I	Eng	123			Furnished	267XDFJP-*5 (24)	325 I	Eng	123			Furnished
267XGFJP-*5 (25)	300 I	Eng	147			Furnished	267XGFJP-*3 (25)	300 I	Eng	147			Furnished
267XMFJP-*5 (26)	265 I	Eng	184			Furnished	267XMFJP-*3 (26)	265 I	Eng	184			Furnished
267XSFJP-*5 (1)	250 I	Eng	229			Furnished	267XSFJP-*3 (1)	250 I	Eng	229			Furnished
288GBFJP-*5 (15)	300 C	Eng	85			Furnished	288GBFJP-*5 (15)	300 C	Eng	85			Furnished
288GBFJP-*8 (15)	300 C	Eng	81			Furnished	288GBFJP-*8 (15)	300 C	Eng	81			Furnished
288GCFJP-*5 (16)	390 C	Eng	103			Furnished	288GCFJP-*5 (16)	390 C	Eng	103			Furnished
288GCFJP-*8 (16)	390 C	Eng	97			Furnished	288GCFJP-*8 (16)	390 C	Eng	97			Furnished
288GDFJP-*5 (17)	390 C	Eng	123			Furnished	288GDFJP-*5 (17)	390 C	Eng	123			Furnished
288GDFJP-*8 (17)	390 C	Eng	116			Furnished	288GDFJP-*8 (17)	390 C	Eng	116			Furnished
288GGFJP-*5 (18)	360 C	Eng	147			Furnished	288GGFJP-*5 (18)	360 C	Eng	147			Furnished
288GGFJP-*8 (18)	360 C	Eng	137			Furnished	288GGFJP-*8 (18)	360 C	Eng	137			Furnished
288GKFJP-*5 (19)	340 C	Eng	164			Furnished	288GKFJP-*5 (19)	340 C	Eng	164			Furnished
288GMFJP-*5 (20)	318 C	Eng	184			Furnished	288GMFJP-*5 (20)	318 C	Eng	184			Furnished
288GMFJP-*8 (20)	318 C	Eng	170			Furnished	288GMFJP-*8 (20)	318 C	Eng	170			Furnished
288GPFJP-*5 (21)	290 C	Eng	205			Furnished	288GPFJP-*5 (21)	290 C	Eng	205			Furnished
288GPFJP-*8 (21)	290 C	Eng	189			Furnished	288GPFJP-*8 (21)	290 C	Eng	189			Furnished
288GSFJP-*5 (22)	265 C	Eng	229			Furnished	288GSFJP-*5 (22)	265 C	Eng	229			Furnished
288GSFJP-*8 (22)	265 C	Eng	210			Furnished	288GSFJP-*8 (22)	265 C	Eng	210			Furnished
878XAFJP-*5 (6)	591 C	Eng	116			Furnished	878XAFJP-*3 (6)	591 C	Eng	116			Furnished
878XBFJP-*5 (7)	552 C	Eng	124			Furnished	878XBFJP-*3 (7)	552 C	Eng	124			Furnished
878XCFJP-*5 (8)	515 C	Eng	133			Furnished	878XCFJP-*3 (8)	515 C	Eng	133			Furnished
878XDFJP-*5 (9)	482 C	Eng	142			Furnished	878XDFJP-*3 (9)	482 C	Eng	142			Furnished
878XEFJP-*5 (10)	425 C	Eng	161			Furnished	878XEFJP-*3 (10)	425 C	Eng	161			Furnished
878XFFJP-*5 (11)	376 C	Eng	182			Furnished	878XFFJP-*3 (11)	376 C	Eng	182			Furnished
878XGFJP-*5 (12)	332 C	Eng	207			Furnished	878XGFJP-*3 (12)	332 C	Eng	207			Furnished
878XHFJP-*5 (13)	312 C	Eng	220			Furnished	878XHFJP-*3 (13)	312 C	Eng	220			Furnished
878XJFJP-*5 (14)	293 C	Eng	234			Furnished	878XJFJP-*3 (14)	293 C	Eng	234			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

- (1) Input Gear Part No. 5-P-1173
 (2) Input Gear Part No. 5-P-1225
 (3) Input Gear Part No. 5-P-1293
 (4) Input Gear Part No. 5-P-1350
 (5) Input Gear Part No. 5-P-1351
 (6) Input Gear Part No. 5-P-1428-11X

- (7) Input Gear Part No. 5-P-1428-12X
 (8) Input Gear Part No. 5-P-1428-3X
 (9) Input Gear Part No. 5-P-1428-4X
 (10) Input Gear Part No. 5-P-1428-5X
 (11) Input Gear Part No. 5-P-1428-6X
 (12) Input Gear Part No. 5-P-1428-7X

- (15) Input Gear Part No. 5-P-1491-1X
 (16) Input Gear Part No. 5-P-1491-2X
 (17) Input Gear Part No. 5-P-1491-3X
 (18) Input Gear Part No. 5-P-1491-4X
 (19) Input Gear Part No. 5-P-1491-5X
 (20) Input Gear Part No. 5-P-1491-6X

- (21) Input Gear Part No. 5-P-1491-7X
 (22) Input Gear Part No. 5-P-1491-8X
 (23) Input Gear Part No. 5-P-912
 (24) Input Gear Part No. 5-P-913
 (25) Input Gear Part No. 5-P-914
 (26) Input Gear Part No. 5-P-915

CHELSEA®

ALLISON

ALL-14

4000 EVS
4000 MH
4000 RDS
4000 TRV
4430
4430 ORS
4430 SP
4440

4500 EVS
4500 RDS
B 500
HD-4060P (Close Ratio)
HD-4070P
HD-4560P (Wide Ratio)

LEFT SIDE ONLY

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (15)	300 C	Eng	85			Furnished	281GBFJP-*5 (15)	300 C	Eng	85			Furnished
281GBFJP-*8 (15)	300 C	Eng	81			Furnished	281GBFJP-*8 (15)	300 C	Eng	81			Furnished
281GCFJP-*5 (16)	390 C	Eng	103			Furnished	281GCFJP-*5 (16)	390 C	Eng	103			Furnished
281GCFJP-*8 (16)	390 C	Eng	97			Furnished	281GCFJP-*8 (16)	390 C	Eng	97			Furnished
281GDFJP-*5 (17)	390 C	Eng	123			Furnished	281GDFJP-*5 (17)	390 C	Eng	123			Furnished
281GDFJP-*8 (17)	390 C	Eng	116			Furnished	281GDFJP-*8 (17)	390 C	Eng	116			Furnished
281GGFJP-*5 (18)	360 C	Eng	147			Furnished	281GGFJP-*5 (18)	360 C	Eng	147			Furnished
281GGFJP-*8 (18)	360 C	Eng	137			Furnished	281GGFJP-*8 (18)	360 C	Eng	137			Furnished
281GKFJP-*5 (19)	340 C	Eng	164			Furnished	281GKFJP-*5 (19)	340 C	Eng	164			Furnished
281GMFJP-*5 (20)	318 C	Eng	184			Furnished	281GMFJP-*5 (20)	318 C	Eng	184			Furnished
281GMFJP-*8 (20)	318 C	Eng	170			Furnished	281GMFJP-*8 (20)	318 C	Eng	170			Furnished
281GPFJP-*5 (21)	290 C	Eng	205			Furnished	281GPFJP-*5 (21)	290 C	Eng	205			Furnished
281GPFJP-*8 (21)	290 C	Eng	189			Furnished	281GPFJP-*8 (21)	290 C	Eng	189			Furnished
281GSFJP-*5 (22)	265 C	Eng	229			Furnished	281GSFJP-*5 (22)	265 C	Eng	229			Furnished
281GSFJP-*8 (22)	265 C	Eng	210			Furnished	281GSFJP-*8 (22)	265 C	Eng	210			Furnished
871XAFJP-*5 (6)	591 C	Eng	116			Furnished	871XAFJP-*5 (6)	591 C	Eng	116			Furnished
871XBFJP-*5 (7)	552 C	Eng	124			Furnished	871XBFJP-*5 (7)	552 C	Eng	124			Furnished
871XCFJP-*5 (8)	515 C	Eng	133			Furnished	871XCFJP-*5 (8)	515 C	Eng	133			Furnished
871XDFJP-*5 (9)	482 C	Eng	142			Furnished	871XDFJP-*5 (9)	482 C	Eng	142			Furnished
871XEFJP-*5 (10)	425 C	Eng	161			Furnished	871XEFJP-*5 (10)	425 C	Eng	161			Furnished
871XFFJP-*5 (11)	376 C	Eng	182			Furnished	871XFFJP-*5 (11)	376 C	Eng	182			Furnished
871XGFJP-*5 (12)	332 C	Eng	207			Furnished	871XGFJP-*5 (12)	332 C	Eng	207			Furnished
871XHFJP-*5 (13)	312 C	Eng	220			Furnished	871XHFJP-*5 (13)	312 C	Eng	220			Furnished
871XJFJP-*5 (14)	293 C	Eng	234			Furnished	871XJFJP-*5 (14)	293 C	Eng	234			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(6) Input Gear Part No. 5-P-1428-11X
(7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1428-7X
(13) Input Gear Part No. 5-P-1428-8X
(14) Input Gear Part No. 5-P-1428-9X
(15) Input Gear Part No. 5-P-1491-1X
(16) Input Gear Part No. 5-P-1491-2X
(17) Input Gear Part No. 5-P-1491-3X

(18) Input Gear Part No. 5-P-1491-4X
(19) Input Gear Part No. 5-P-1491-5X
(20) Input Gear Part No. 5-P-1491-6X
(21) Input Gear Part No. 5-P-1491-7X
(22) Input Gear Part No. 5-P-1491-8X

CHELSEA®

ALLISON

ALL-14

4000 EVS 4000 MH 4000 RDS 4000 TRV 4430 4430 ORS 4430 SP 4440	4500 EVS 4500 RDS B 500 HD-4060P (Close Ratio) HD-4070P HD-4560P (Wide Ratio)		
LEFT SIDE ONLY		TOP SIDE ONLY	
TRANSMISSION GEAR DATA: L.S. 10-BOLT Opening Gear FORWARD of Centerline 97 Teeth - L.H. HELIX PITCH LINE TO APERTURE FACE: 1.7799" (45.2100 mm)		TRANSMISSION GEAR DATA: TOP 10-BOLT Opening Gear FORWARD of Centerline 97 Teeth - L.H. HELIX PITCH LINE TO APERTURE FACE: 1.7799" (45.2100 mm)	

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

281LBFJP-*5 (12)	300 C	Eng	85			Furnished	281LBFJP-*5 (12)	300 C	Eng	85			Furnished
281LCFJP-*5 (13)	390 C	Eng	103			Furnished	281LCFJP-*5 (13)	390 C	Eng	103			Furnished
281LDFJP-*5 (14)	390 C	Eng	123			Furnished	281LDFJP-*5 (14)	390 C	Eng	123			Furnished
281LGFJP-*5 (15)	360 C	Eng	147			Furnished	281LGFJP-*5 (15)	360 C	Eng	147			Furnished
281LKFJP-*5 (16)	340 C	Eng	164			Furnished	281LKFJP-*5 (16)	340 C	Eng	164			Furnished
281LMFJP-*5 (17)	318 C	Eng	184			Furnished	281LMFJP-*5 (17)	318 C	Eng	184			Furnished
281LPFJP-*5 (18)	290 C	Eng	205			Furnished	281LPFJP-*5 (18)	290 C	Eng	205			Furnished
281LSFJP-*5 (19)	265 C	Eng	229			Furnished	281LSFJP-*5 (19)	265 C	Eng	229			Furnished
871LAFJW-*5 (6)	591 C	Eng	116			Furnished	890UAFJW-*5 (6)	591 C	Eng	116			Furnished
871LBFJW-*5 (7)	552 C	Eng	124			Furnished	890UBFJW-*5 (7)	552 C	Eng	124			Furnished
871LCFJW-*5 (8)	515 C	Eng	133			Furnished	890UCFJW-*5 (8)	515 C	Eng	133			Furnished
871LDFJW-*5 (9)	482 C	Eng	142			Furnished	890UDFJW-*5 (9)	482 C	Eng	142			Furnished
871LEFJW-*5 (10)	425 C	Eng	161			Furnished	890UEFJW-*5 (10)	425 C	Eng	161			Furnished
871LFFJW-*5 (11)	376 C	Eng	182			Furnished	890UFFJW-*5 (11)	376 C	Eng	182			Furnished
890HAFJW-*5 (6)	591 C	Eng	116			Furnished							
890HBFJW-*5 (7)	552 C	Eng	124			Furnished							
890HCFJW-*5 (8)	515 C	Eng	133			Furnished							
890HDFJW-*5 (9)	482 C	Eng	142			Furnished							
890HEFJW-*5 (10)	425 C	Eng	161			Furnished							
890HFFJW-*5 (11)	376 C	Eng	182			Furnished							

ONE SPEED - CONSTANT MESH EXTENDED SHAFT

878LAFJW-*5 (6)	591 C	Eng	116			Furnished	897UAFJW-*5 (6)	591 C	Eng	116			Furnished
878LBFJW-*5 (7)	552 C	Eng	124			Furnished	897UBFJW-*5 (7)	552 C	Eng	124			Furnished
878LCFJW-*5 (8)	515 C	Eng	133			Furnished	897UCFJW-*5 (8)	515 C	Eng	133			Furnished
878LDFJW-*5 (9)	482 C	Eng	142			Furnished	897UDFJW-*5 (9)	482 C	Eng	142			Furnished
878LEFJW-*5 (10)	425 C	Eng	161			Furnished	897UEFJW-*5 (10)	425 C	Eng	161			Furnished
878LFFJW-*5 (11)	376 C	Eng	182			Furnished	897UFFJW-*5 (11)	376 C	Eng	182			Furnished
897HAFJW-*5 (6)	591 C	Eng	116			Furnished							
897HBFJW-*5 (7)	552 C	Eng	124			Furnished							
897HCFJW-*5 (8)	515 C	Eng	133			Furnished							
897HDFJW-*5 (9)	482 C	Eng	142			Furnished							
897HEFJW-*5 (10)	425 C	Eng	161			Furnished							
897HFFJW-*5 (11)	376 C	Eng	182			Furnished							

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(6) Input Gear Part No. 5-P-1428-11X
 (7) Input Gear Part No. 5-P-1428-12X
 (8) Input Gear Part No. 5-P-1428-3X
 (9) Input Gear Part No. 5-P-1428-4X
 (10) Input Gear Part No. 5-P-1428-5X
 (11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1491-1X
 (13) Input Gear Part No. 5-P-1491-2X
 (14) Input Gear Part No. 5-P-1491-3X
 (15) Input Gear Part No. 5-P-1491-4X
 (16) Input Gear Part No. 5-P-1491-5X
 (17) Input Gear Part No. 5-P-1491-6X

(18) Input Gear Part No. 5-P-1491-7X
 (19) Input Gear Part No. 5-P-1491-8X

CHELSEA®

ALLISON

ALL-14C

4000 (4000 Family w/ Integral Cooler)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH

267SBFJP-*5 (4)	402 I	Eng	103			Furnished	267SBFJP-*3 (4)	402 I	Eng	103			Furnished
267SDFJP-*5 (3)	390 I	Eng	123			Furnished	267SDFJP-*3 (4)	390 I	Eng	123			Furnished
267SGFJP-*5 (2)	360 I	Eng	147			Furnished	267SGFJP-*3 (2)	360 I	Eng	147			Furnished
267SMFJP-*5 (5)	318 I	Eng	184			Furnished	267SMFJP-*3 (5)	318 I	Eng	184			Furnished
267SSFJP-*5 (1)	265 I	Eng	229			Furnished	267SSFJP-*3 (1)	265 I	Eng	229			Furnished
267XBFJP-*5 (23)	335 I	Eng	103			Furnished	267XBFJP-*3 (23)	335 I	Eng	103			Furnished
267XDFJP-*5 (24)	325 I	Eng	123			Furnished	267XDFJP-*3 (24)	325 I	Eng	123			Furnished
267XGFJP-*5 (25)	300 I	Eng	147			Furnished	267XGFJP-*3 (25)	300 I	Eng	147			Furnished
267XMFJP-*5 (26)	265 I	Eng	184			Furnished	267XMFJP-*3 (26)	265 I	Eng	184			Furnished
267XSFJP-*5 (1)	250 I	Eng	229			Furnished	267XSFJP-*3 (1)	250 I	Eng	229			Furnished
288GBFJP-*5 (15)	300 C	Eng	85			Furnished	288GBFJP-*5 (15)	300 C	Eng	85			Furnished
288GBFJP-*8 (15)	300 C	Eng	81			Furnished	288GBFJP-*8 (15)	300 C	Eng	81			Furnished
288GCFJP-*5 (16)	390 C	Eng	103			Furnished	288GCFJP-*5 (16)	390 C	Eng	103			Furnished
288GCFJP-*8 (16)	390 C	Eng	97			Furnished	288GCFJP-*8 (16)	390 C	Eng	97			Furnished
288GDFJP-*5 (17)	390 C	Eng	123			Furnished	288GDFJP-*5 (17)	390 C	Eng	123			Furnished
288GDFJP-*8 (17)	390 C	Eng	116			Furnished	288GDFJP-*8 (17)	390 C	Eng	116			Furnished
288GGFJP-*5 (18)	360 C	Eng	147			Furnished	288GGFJP-*5 (18)	360 C	Eng	147			Furnished
288GGFJP-*8 (18)	360 C	Eng	137			Furnished	288GGFJP-*8 (18)	360 C	Eng	137			Furnished
288GKFJP-*5 (19)	340 C	Eng	164			Furnished	288GKFJP-*5 (19)	340 C	Eng	164			Furnished
288GMFJP-*5 (20)	318 C	Eng	184			Furnished	288GMFJP-*5 (20)	318 C	Eng	184			Furnished
288GMFJP-*8 (20)	318 C	Eng	170			Furnished	288GMFJP-*8 (20)	318 C	Eng	170			Furnished
288GPFJP-*5 (21)	290 C	Eng	205			Furnished	288GPFJP-*5 (21)	290 C	Eng	205			Furnished
288GPFJP-*8 (21)	290 C	Eng	189			Furnished	288GPFJP-*8 (21)	290 C	Eng	189			Furnished
288GSFJP-*5 (22)	265 C	Eng	229			Furnished	288GSFJP-*5 (22)	265 C	Eng	229			Furnished
288GSFJP-*8 (22)	265 C	Eng	210			Furnished	288GSFJP-*8 (22)	265 C	Eng	210			Furnished
878XAFJP-*5 (6)	591 C	Eng	116			Furnished	878XAFJP-*3 (6)	591 C	Eng	116			Furnished
878XBFJP-*5 (7)	552 C	Eng	124			Furnished	878XBFJP-*3 (7)	552 C	Eng	124			Furnished
878XCFJP-*5 (8)	515 C	Eng	133			Furnished	878XCFJP-*3 (8)	515 C	Eng	133			Furnished
878XDFJP-*5 (9)	482 C	Eng	142			Furnished	878XDFJP-*3 (9)	482 C	Eng	142			Furnished
878XEFJP-*5 (10)	425 C	Eng	161			Furnished	878XEFJP-*3 (10)	425 C	Eng	161			Furnished
878XFFJP-*5 (11)	376 C	Eng	182			Furnished	878XFFJP-*3 (11)	376 C	Eng	182			Furnished
878XGFJP-*5 (12)	332 C	Eng	207			Furnished	878XGFJP-*3 (12)	332 C	Eng	207			Furnished
878XHFPJP-*5 (13)	312 C	Eng	220			Furnished	878XHFPJP-*3 (13)	312 C	Eng	220			Furnished
878XJFJP-*5 (14)	293 C	Eng	234			Furnished	878XJFJP-*3 (14)	293 C	Eng	234			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.**CAUTION:** To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.**CAUTION:** The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

- (1) Input Gear Part No. 5-P-1173
 (2) Input Gear Part No. 5-P-1225
 (3) Input Gear Part No. 5-P-1293
 (4) Input Gear Part No. 5-P-1350
 (5) Input Gear Part No. 5-P-1351
 (6) Input Gear Part No. 5-P-1428-11X

- (7) Input Gear Part No. 5-P-1428-12X
 (8) Input Gear Part No. 5-P-1428-3X
 (9) Input Gear Part No. 5-P-1428-4X
 (10) Input Gear Part No. 5-P-1428-5X
 (11) Input Gear Part No. 5-P-1428-6X
 (12) Input Gear Part No. 5-P-1428-7X

- (13) Input Gear Part No. 5-P-1428-8X
 (14) Input Gear Part No. 5-P-1428-9X
 (15) Input Gear Part No. 5-P-1491-1X
 (16) Input Gear Part No. 5-P-1491-2X
 (17) Input Gear Part No. 5-P-1491-3X
 (18) Input Gear Part No. 5-P-1491-4X

- (19) Input Gear Part No. 5-P-1491-5X
 (20) Input Gear Part No. 5-P-1491-6X
 (21) Input Gear Part No. 5-P-1491-7X
 (22) Input Gear Part No. 5-P-1491-8X
 (23) Input Gear Part No. 5-P-912
 (24) Input Gear Part No. 5-P-913

- (25) Input Gear Part No. 5-P-914
 (26) Input Gear Part No. 5-P-915

CHELSEA®

ALLISON

ALL-14C

4000 (4000 Family w/ Integral Cooler)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (15)	300 C	Eng	85			Furnished	281GBFJP-*5 (15)	300 C	Eng	85			Furnished
281GBFJP-*8 (15)	300 C	Eng	81			Furnished	281GBFJP-*8 (15)	300 C	Eng	81			Furnished
281GCFJP-*5 (16)	390 C	Eng	103			Furnished	281GCFJP-*5 (16)	390 C	Eng	103			Furnished
281GCFJP-*8 (16)	390 C	Eng	97			Furnished	281GCFJP-*8 (16)	390 C	Eng	97			Furnished
281GDFJP-*5 (17)	390 C	Eng	123			Furnished	281GDFJP-*5 (17)	390 C	Eng	123			Furnished
281GDFJP-*8 (17)	390 C	Eng	116			Furnished	281GDFJP-*8 (17)	390 C	Eng	116			Furnished
281GGFJP-*5 (18)	360 C	Eng	147			Furnished	281GGFJP-*5 (18)	360 C	Eng	147			Furnished
281GGFJP-*8 (18)	360 C	Eng	137			Furnished	281GGFJP-*8 (18)	360 C	Eng	137			Furnished
281GKFJP-*5 (19)	340 C	Eng	164			Furnished	281GKFJP-*5 (19)	340 C	Eng	164			Furnished
281GMFJP-*5 (20)	318 C	Eng	184			Furnished	281GMFJP-*5 (20)	318 C	Eng	184			Furnished
281GMFJP-*8 (20)	318 C	Eng	170			Furnished	281GMFJP-*8 (20)	318 C	Eng	170			Furnished
281GPFJP-*5 (21)	290 C	Eng	205			Furnished	281GPFJP-*5 (21)	290 C	Eng	205			Furnished
281GPFJP-*8 (21)	290 C	Eng	189			Furnished	281GPFJP-*8 (21)	290 C	Eng	189			Furnished
281GSFJP-*5 (22)	265 C	Eng	229			Furnished	281GSFJP-*5 (22)	265 C	Eng	229			Furnished
281GSFJP-*8 (22)	265 C	Eng	210			Furnished	281GSFJP-*8 (22)	265 C	Eng	210			Furnished
871XAFJP-*5 (6)	591 C	Eng	116			Furnished	871XAFJP-*3 (6)	591 C	Eng	116			Furnished
871XBFJP-*5 (7)	552 C	Eng	124			Furnished	871XBFJP-*3 (7)	552 C	Eng	124			Furnished
871XCFJP-*5 (8)	515 C	Eng	133			Furnished	871XCFJP-*3 (8)	515 C	Eng	133			Furnished
871XDFJP-*5 (9)	482 C	Eng	142			Furnished	871XDFJP-*3 (9)	482 C	Eng	142			Furnished
871XEFJP-*5 (10)	425 C	Eng	161			Furnished	871XEFJP-*3 (10)	425 C	Eng	161			Furnished
871XFFJP-*5 (11)	376 C	Eng	182			Furnished	871XFFJP-*3 (11)	376 C	Eng	182			Furnished
871XGFJP-*5 (12)	332 C	Eng	207			Furnished	871XGFJP-*3 (12)	332 C	Eng	207			Furnished
871XHFJP-*5 (13)	312 C	Eng	220			Furnished	871XHFJP-*3 (13)	312 C	Eng	220			Furnished
871XJFJP-*5 (14)	293 C	Eng	234			Furnished	871XJFJP-*3 (14)	293 C	Eng	234			Furnished

ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

871LAFJW-*3 (6)	591 C	Eng	116			Furnished	281LBFJP-*5 (12)	300 C	Eng	85			Furnished
871LBFJW-*3 (7)	552 C	Eng	124			Furnished	281LCFJP-*5 (13)	390 C	Eng	103			Furnished
871LCFJP-*3 (8)	515 C	Eng	133			Furnished	281LDFJP-*5 (14)	390 C	Eng	123			Furnished
871LDFJW-*3 (9)	482 C	Eng	142			Furnished	281LGFJP-*5 (15)	360 C	Eng	147			Furnished
871LEFJW-*3 (10)	425 C	Eng	161			Furnished	281LKFPJP-*5 (16)	340 C	Eng	164			Furnished
871LFFJW-*3 (11)	376 C	Eng	182			Furnished	281LMFJP-*5 (17)	318 C	Eng	184			Furnished
890CAFJW-*3 (6)	591 C	Eng	116			Furnished	281LPFJP-*5 (18)	290 C	Eng	205			Furnished
890CBFJW-*3 (7)	552 C	Eng	124			Furnished	281LSFJP-*5 (19)	265 C	Eng	229			Furnished
890CCFJW-*3 (8)	515 C	Eng	133			Furnished	890UAFJW-*5 (6)	591 C	Eng	116			Furnished
890CDFJW-*3 (9)	482 C	Eng	142			Furnished	890UBFJW-*5 (7)	552 C	Eng	124			Furnished
890CEFJW-*3 (10)	425 C	Eng	161			Furnished	890UCFJW-*5 (8)	515 C	Eng	133			Furnished
890CFFJW-*3 (11)	376 C	Eng	182			Furnished	890UDFJW-*5 (9)	482 C	Eng	142			Furnished
							890UEFJW-*5 (10)	425 C	Eng	161			Furnished
							890UFFJW-*5 (11)	376 C	Eng	182			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(6) Input Gear Part No. 5-P-1428-11X
(7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1428-7X
(13) Input Gear Part No. 5-P-1428-8X
(14) Input Gear Part No. 5-P-1428-9X
(15) Input Gear Part No. 5-P-1491-1X
(16) Input Gear Part No. 5-P-1491-2X
(17) Input Gear Part No. 5-P-1491-3X

(18) Input Gear Part No. 5-P-1491-4X
(19) Input Gear Part No. 5-P-1491-5X
(20) Input Gear Part No. 5-P-1491-6X
(21) Input Gear Part No. 5-P-1491-7X
(22) Input Gear Part No. 5-P-1491-8X

CHELSEA®

ALLISON

ALL-14C

4000 (4000 Family w/ Integral Cooler)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH EXTENDED SHAFT

878LAFJW-*3 (6)	591 C	Eng	116			Furnished	897UAFJW-*3 (6)	591 C	Eng	116			Furnished
878LBFJW-*3 (7)	552 C	Eng	124			Furnished	897UBFJW-*5 (7)	552 C	Eng	124			Furnished
878LCFJW-*3 (8)	515 C	Eng	133			Furnished	897UCFJW-*5 (8)	515 C	Eng	133			Furnished
878LDFJW-*3 (9)	482 C	Eng	142			Furnished	897UDFJW-*5 (9)	482 C	Eng	142			Furnished
878LEFJW-*3 (10)	425 C	Eng	161			Furnished	897UEFJW-*5 (10)	425 C	Eng	161			Furnished
878LFFJW-*3 (11)	376 C	Eng	182			Furnished	897UFFJW-*5 (11)	376 C	Eng	182			Furnished
897CAFJW-*3 (6)	591 C	Eng	116			Furnished							
897CBFJW-*3 (7)	552 C	Eng	124			Furnished							
897CCFJW-*3 (8)	515 C	Eng	133			Furnished							
897CDFJW-*3 (9)	482 C	Eng	142			Furnished							
897CEFJW-*3 (10)	425 C	Eng	161			Furnished							
897CFJW-*3 (11)	376 C	Eng	182			Furnished							

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(6) Input Gear Part No. 5-P-1428-11X
(7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1491-1X
(13) Input Gear Part No. 5-P-1491-2X
(14) Input Gear Part No. 5-P-1491-3X
(15) Input Gear Part No. 5-P-1491-4X
(16) Input Gear Part No. 5-P-1491-5X
(17) Input Gear Part No. 5-P-1491-6X

(18) Input Gear Part No. 5-P-1491-7X
(19) Input Gear Part No. 5-P-1491-8X

CHELSEA®

ALLISON

ALL-14R

4000 (4000 Family w/ Retarder)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH

267SBFJP-*5 (4)	402 I	Eng	103			Furnished	267SBFJP-*3 (4)	402 I	Eng	103			Furnished
267SDFJP-*5 (3)	390 I	Eng	123			Furnished	267SDFJP-*3 (4)	390 I	Eng	123			Furnished
267SGFJP-*5 (2)	360 I	Eng	147			Furnished	267SGFJP-*3 (2)	360 I	Eng	147			Furnished
267SMFJP-*5 (5)	318 I	Eng	184			Furnished	267SMFJP-*3 (5)	318 I	Eng	184			Furnished
267SSFJP-*5 (1)	265 I	Eng	229			Furnished	267SSFJP-*3 (1)	265 I	Eng	229			Furnished
267XBFJP-*5 (23)	335 I	Eng	103			Furnished	267XBFJP-*3 (23)	335 I	Eng	103			Furnished
267XDFJP-*5 (24)	325 I	Eng	123			Furnished	267XDFJP-*5 (24)	325 I	Eng	123			Furnished
267XGFJP-*5 (25)	300 I	Eng	147			Furnished	267XGFJP-*3 (25)	300 I	Eng	147			Furnished
267XMFJP-*5 (26)	265 I	Eng	184			Furnished	267XMFJP-*3 (26)	265 I	Eng	184			Furnished
267XSFJP-*5 (1)	250 I	Eng	229			Furnished	267XSFJP-*3 (1)	250 I	Eng	229			Furnished
288GBFJP-*5 (15)	300 C	Eng	85			Furnished	288GBFJP-*5 (15)	300 C	Eng	85			Furnished
288GBFJP-*8 (15)	300 C	Eng	81			Furnished	288GBFJP-*8 (15)	300 C	Eng	81			Furnished
288GCFJP-*5 (16)	390 C	Eng	103			Furnished	288GCFJP-*5 (16)	390 C	Eng	103			Furnished
288GCFJP-*8 (16)	390 C	Eng	97			Furnished	288GCFJP-*8 (16)	390 C	Eng	97			Furnished
288GDFJP-*5 (17)	390 C	Eng	123			Furnished	288GDFJP-*5 (17)	390 C	Eng	123			Furnished
288GDFJP-*8 (17)	390 C	Eng	116			Furnished	288GDFJP-*8 (17)	390 C	Eng	116			Furnished
288GGFJP-*5 (18)	360 C	Eng	147			Furnished	288GGFJP-*5 (18)	360 C	Eng	147			Furnished
288GGFJP-*8 (18)	360 C	Eng	137			Furnished	288GGFJP-*8 (18)	360 C	Eng	137			Furnished
288GKFJP-*5 (19)	340 C	Eng	164			Furnished	288GKFJP-*5 (19)	340 C	Eng	164			Furnished
288GMFJP-*5 (20)	318 C	Eng	184			Furnished	288GMFJP-*5 (20)	318 C	Eng	184			Furnished
288GMFJP-*8 (20)	318 C	Eng	170			Furnished	288GMFJP-*8 (20)	318 C	Eng	170			Furnished
288GPFJP-*5 (21)	290 C	Eng	205			Furnished	288GPFJP-*5 (21)	290 C	Eng	205			Furnished
288GPFJP-*8 (21)	290 C	Eng	189			Furnished	288GPFJP-*8 (21)	290 C	Eng	189			Furnished
288GSFJP-*5 (22)	265 C	Eng	229			Furnished	288GSFJP-*5 (22)	265 C	Eng	229			Furnished
288GSFJP-*8 (22)	265 C	Eng	210			Furnished	288GSFJP-*8 (22)	265 C	Eng	210			Furnished
878XAFJP-*5 (6)	591 C	Eng	116			Furnished	878XAFJP-*3 (6)	591 C	Eng	116			Furnished
878XBFJP-*5 (7)	552 C	Eng	124			Furnished	878XBFJP-*3 (7)	552 C	Eng	124			Furnished
878XCFJP-*5 (8)	515 C	Eng	133			Furnished	878XCFJP-*3 (8)	515 C	Eng	133			Furnished
878XDFJP-*5 (9)	482 C	Eng	142			Furnished	878XDFJP-*3 (9)	482 C	Eng	142			Furnished
878XEFJP-*5 (10)	425 C	Eng	161			Furnished	878XEFJP-*3 (10)	425 C	Eng	161			Furnished
878XFFJP-*5 (11)	376 C	Eng	182			Furnished	878XFFJP-*3 (11)	376 C	Eng	182			Furnished
878XGFJP-*5 (12)	332 C	Eng	207			Furnished	878XGFJP-*3 (12)	332 C	Eng	207			Furnished
878XHFPJP-*5 (13)	312 C	Eng	220			Furnished	878XHFPJP-*3 (13)	312 C	Eng	220			Furnished
878XJFJP-*5 (14)	293 C	Eng	234			Furnished	878XJFJP-*3 (14)	293 C	Eng	234			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

- (1) Input Gear Part No. 5-P-1173
- (2) Input Gear Part No. 5-P-1225
- (3) Input Gear Part No. 5-P-1293
- (4) Input Gear Part No. 5-P-1350
- (5) Input Gear Part No. 5-P-1351
- (6) Input Gear Part No. 5-P-1428-11X

- (7) Input Gear Part No. 5-P-1428-12X
- (8) Input Gear Part No. 5-P-1428-3X
- (9) Input Gear Part No. 5-P-1428-4X
- (10) Input Gear Part No. 5-P-1428-5X
- (11) Input Gear Part No. 5-P-1428-6X
- (12) Input Gear Part No. 5-P-1428-7X

- (15) Input Gear Part No. 5-P-1491-1X
- (16) Input Gear Part No. 5-P-1491-2X
- (17) Input Gear Part No. 5-P-1491-3X
- (18) Input Gear Part No. 5-P-1491-4X
- (19) Input Gear Part No. 5-P-1491-5X
- (20) Input Gear Part No. 5-P-1491-6X

- (21) Input Gear Part No. 5-P-1491-7X
- (22) Input Gear Part No. 5-P-1491-8X
- (23) Input Gear Part No. 5-P-912
- (24) Input Gear Part No. 5-P-913
- (25) Input Gear Part No. 5-P-914
- (26) Input Gear Part No. 5-P-915

CHELSEA®

ALLISON

ALL-14R

4000 (4000 Family w/ Retarder)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (15)	300 C	Eng	85			Furnished	281GBFJP-*5 (15)	300 C	Eng	85			Furnished
281GBFJP-*8 (15)	300 C	Eng	81			Furnished	281GBFJP-*8 (15)	300 C	Eng	81			Furnished
281GCFJP-*5 (16)	390 C	Eng	103			Furnished	281GCFJP-*5 (16)	390 C	Eng	103			Furnished
281GCFJP-*8 (16)	390 C	Eng	97			Furnished	281GCFJP-*8 (16)	390 C	Eng	97			Furnished
281GDFJP-*5 (17)	390 C	Eng	123			Furnished	281GDFJP-*5 (17)	390 C	Eng	123			Furnished
281GDFJP-*8 (17)	390 C	Eng	116			Furnished	281GDFJP-*8 (17)	390 C	Eng	116			Furnished
281GGFJP-*5 (18)	360 C	Eng	147			Furnished	281GGFJP-*5 (18)	360 C	Eng	147			Furnished
281GGFJP-*8 (18)	360 C	Eng	137			Furnished	281GGFJP-*8 (18)	360 C	Eng	137			Furnished
281GKFJP-*5 (19)	340 C	Eng	164			Furnished	281GKFJP-*5 (19)	340 C	Eng	164			Furnished
281GMFJP-*5 (20)	318 C	Eng	184			Furnished	281GMFJP-*5 (20)	318 C	Eng	184			Furnished
281GMFJP-*8 (20)	318 C	Eng	170			Furnished	281GMFJP-*8 (20)	318 C	Eng	170			Furnished
281GPFJP-*5 (21)	290 C	Eng	205			Furnished	281GPFJP-*5 (21)	290 C	Eng	205			Furnished
281GPFJP-*8 (21)	290 C	Eng	189			Furnished	281GPFJP-*8 (21)	290 C	Eng	189			Furnished
281GSFJP-*5 (22)	265 C	Eng	229			Furnished	281GSFJP-*5 (22)	265 C	Eng	229			Furnished
281GSFJP-*8 (22)	265 C	Eng	210			Furnished	281GSFJP-*8 (22)	265 C	Eng	210			Furnished
871XAFJP-*5 (6)	591 C	Eng	116			Furnished	871XAFJP-*3 (6)	591 C	Eng	116			Furnished
871XBFJP-*5 (7)	552 C	Eng	124			Furnished	871XBFJP-*3 (7)	552 C	Eng	124			Furnished
871XCFJP-*5 (8)	515 C	Eng	133			Furnished	871XCFJP-*3 (8)	515 C	Eng	133			Furnished
871XDFJP-*5 (9)	482 C	Eng	142			Furnished	871XDFJP-*3 (9)	482 C	Eng	142			Furnished
871XEFJP-*5 (10)	425 C	Eng	161			Furnished	871XEFJP-*3 (10)	425 C	Eng	161			Furnished
871XFFJP-*5 (11)	376 C	Eng	182			Furnished	871XFFJP-*3 (11)	376 C	Eng	182			Furnished
871XGFJP-*5 (12)	332 C	Eng	207			Furnished	871XGFJP-*3 (12)	332 C	Eng	207			Furnished
871XHFJP-*5 (13)	312 C	Eng	220			Furnished	871XHFJP-*3 (13)	312 C	Eng	220			Furnished
871XJFJP-*5 (14)	293 C	Eng	234			Furnished	871XJFJP-*3 (14)	293 C	Eng	234			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(6) Input Gear Part No. 5-P-1428-11X
(7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1428-7X
(13) Input Gear Part No. 5-P-1428-8X
(14) Input Gear Part No. 5-P-1428-9X
(15) Input Gear Part No. 5-P-1491-1X
(16) Input Gear Part No. 5-P-1491-2X
(17) Input Gear Part No. 5-P-1491-3X

(18) Input Gear Part No. 5-P-1491-4X
(19) Input Gear Part No. 5-P-1491-5X
(20) Input Gear Part No. 5-P-1491-6X
(21) Input Gear Part No. 5-P-1491-7X
(22) Input Gear Part No. 5-P-1491-8X

CHELSEA®

ALLISON

ALL-14R

4000 (4000 Family w/ Retarder)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

871LAFJW-*5 (6)	591 C	Eng	116			Furnished	890KCFJW-*5 (8)	515 C	Eng	133			Furnished
871LBFJW-*5 (7)	552 C	Eng	124			Furnished	890KAFJW-*5 (6)	591 C	Eng	116			Furnished
871LCFJW-*5 (8)	515 C	Eng	133			Furnished	890KBFJW-*5 (7)	552 C	Eng	124			Furnished
871LDFJW-*5 (9)	482 C	Eng	142			Furnished	890KDFJW-*5 (9)	482 C	Eng	142			Furnished
871LEFJW-*5 (10)	425 C	Eng	161			Furnished	890KEFJW-*5 (10)	425 C	Eng	161			Furnished
871LFFJW-*5 (11)	376 C	Eng	182			Furnished	890KFFJW-*5 (11)	376 C	Eng	182			Furnished
890JAFJW-*3 (6)	591 C	Eng	116			Furnished							
890JBFJW-*3 (7)	552 C	Eng	124			Furnished							
890JCFJW-*3 (8)	515 C	Eng	133			Furnished							
890JDFJW-*3 (9)	482 C	Eng	142			Furnished							
890JEFJW-*3 (10)	425 C	Eng	161			Furnished							
890JFFJW-*3 (11)	376 C	Eng	182			Furnished							
890PAFJW-*5 (6)	591 C	Eng	116			Furnished							
890PBFJW-*5 (7)	552 C	Eng	124			Furnished							
890PCFJW-*5 (8)	515 C	Eng	133			Furnished							
890PDFJW-*5 (9)	482 C	Eng	142			Furnished							
890PEFJW-*5 (10)	425 C	Eng	161			Furnished							
890PFFJW-*5 (11)	376 C	Eng	182			Furnished							

ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

281LBFJP-*5 (12)	300 C	Eng	85			Furnished
281LCFJP-*5 (13)	390 C	Eng	103			Furnished
281LDFJP-*5 (14)	390 C	Eng	123			Furnished
281LGFJP-*5 (15)	360 C	Eng	147			Furnished
281LKFJP-*5 (16)	340 C	Eng	164			Furnished
281LMFJP-*5 (17)	318 C	Eng	184			Furnished
281LPFJP-*5 (18)	290 C	Eng	205			Furnished
281LSFJP-*5 (19)	265 C	Eng	229			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.**CAUTION:** To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.**CAUTION:** The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(6) Input Gear Part No. 5-P-1428-11X
 (7) Input Gear Part No. 5-P-1428-12X
 (8) Input Gear Part No. 5-P-1428-3X
 (9) Input Gear Part No. 5-P-1428-4X
 (10) Input Gear Part No. 5-P-1428-5X
 (11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1491-1X
 (13) Input Gear Part No. 5-P-1491-2X
 (14) Input Gear Part No. 5-P-1491-3X
 (15) Input Gear Part No. 5-P-1491-4X
 (16) Input Gear Part No. 5-P-1491-5X
 (17) Input Gear Part No. 5-P-1491-6X

(18) Input Gear Part No. 5-P-1491-7X
 (19) Input Gear Part No. 5-P-1491-8X

CHELSEA®

ALLISON

ALL-14R

4000 (4000 Family w/ Retarder)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH EXTENDED SHAFT

878LAFJW-*5 (6)	591 C	Eng	116			Furnished	897KAFJW-*5 (6)	591 C	Eng	116			Furnished
878LBFJW-*5 (7)	552 C	Eng	124			Furnished	897KBFJW-*5 (7)	552 C	Eng	124			Furnished
878LCFJW-*5 (8)	515 C	Eng	133			Furnished	897KCFJW-*5 (8)	515 C	Eng	133			Furnished
878LDFJW-*5 (9)	482 C	Eng	142			Furnished	897KDFJW-*5 (9)	482 C	Eng	142			Furnished
878LEFJW-*5 (10)	425 C	Eng	161			Furnished	897KEFJW-*5 (10)	425 C	Eng	161			Furnished
878LFFJW-*5 (11)	376 C	Eng	182			Furnished	897KFFJW-*5 (11)	376 C	Eng	182			Furnished
897JAFJW-*3 (6)	591 C	Eng	116			Furnished							
897JBFJW-*3 (7)	552 C	Eng	127			Furnished							
897JCFJW-*3 (8)	515 C	Eng	133			Furnished							
897JDFJW-*3 (9)	482 C	Eng	142			Furnished							
897JEFJW-*3 (10)	425 C	Eng	161			Furnished							
897JFFJW-*3 (11)	376 C	Eng	182			Furnished							
897PAFJW-*5 (6)	591 C	Eng	116			Furnished							
897PBFJW-*5 (7)	552 C	Eng	127			Furnished							
897PCFJW-*5 (8)	515 C	Eng	133			Furnished							
897PDFJW-*5 (9)	482 C	Eng	142			Furnished							
897PEFJW-*5 (10)	425 C	Eng	161			Furnished							
897PFFJW-*5 (11)	376 C	Eng	182			Furnished							

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(6) Input Gear Part No. 5-P-1428-11X

(11) Input Gear Part No. 5-P-1428-6X

(7) Input Gear Part No. 5-P-1428-12X

(8) Input Gear Part No. 5-P-1428-3X

(9) Input Gear Part No. 5-P-1428-4X

(10) Input Gear Part No. 5-P-1428-5X

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ALL-15

1000	1350 SP (Available in 4, 5 & 6-Speed)	2300 RDS	2909 MH	2919 SP	2967 MH
1000 EVS	2000	2400	2909 RDS	2966 RDS	2967 SP
1000 MH	2100 EVS	2500 EVS	2909 SP	2967 MH	2969 MH
1000 RDS	2100 MH	2500 MH	2916 RDS	2967 SP	2969 RDS
1350 (Available in 4, 5 & 6-Speed)	2100 RDS	2500 RDS	2917 MH	2969 MH	2969 SP
1350 EVS (Available in 4, 5 & 6-Speed)	2200 EVS	2906 RDS	2917 SP	2969 RDS	T2906
1350 MH (Available in 4, 5 & 6-Speed)	2200 MH	2907 MH	2919 MH	2969 SP	T2916
1350 RDS (Available in 4, 5 & 6-Speed)	2200 RDS	2907 SP	2919 RDS	2966 RDS	

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 06-BOLT Opening Gear FORWARD of Centerline
64 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0080" (25.6000 mm)

TRANSMISSION GEAR DATA:

R.S. 06-BOLT Opening Gear FORWARD of Centerline
64 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0080" (25.6032 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - MECHANICAL SHIFT

442GBHVP-*5 (3)	215 I	Eng	96			Furnished	442GBHVP-*3 (3)	215 I	Eng	96			Furnished
442GBHVX-*5 (3)	150 I	Eng	96			Furnished	442GBHVX-*3 (3)	150 I	Eng	96			Furnished
442GFHVP-*5 (2)	165 I	Eng	151			Furnished	442GFHVP-*3 (2)	165 I	Eng	151			Furnished

ONE SPEED - POWERSHIFT (AIR OR HYDRAULIC)

272GAHVP-*5 (5)	294 C	Eng	85			Furnished	272GAHVP-*3 (5)	294 C	Eng	85			Furnished
272GBHVP-*5 (6)	240 C	Eng	104			Furnished	272GBHVP-*3 (6)	240 C	Eng	104			Furnished
272GCHVP-*5 (7)	198 C	Eng	126			Furnished	272GCHVP-*3 (7)	198 C	Eng	126			Furnished
272GDHVP-*5 (8)	166 C	Eng	151			Furnished	272GDHVP-*3 (8)	166 C	Eng	151			Furnished

ONE SPEED - POWERSHIFT LOW PROFILE (AIR OR HYDRAULIC)

272NAHVP-*3 (5)	294 C	Eng	85			Furnished	272NAHVP-*5 (5)	294 C	Eng	85			Furnished
272NBHVP-*3 (6)	240 C	Eng	104			Furnished	272NBHVP-*5 (6)	240 C	Eng	104			Furnished
272NCHVP-*3 (7)	198 C	Eng	126			Furnished	272NCHVP-*5 (7)	198 C	Eng	126			Furnished
272NDHVP-*3 (8)	166 C	Eng	151			Furnished	272NDHVP-*5 (8)	166 C	Eng	151			Furnished

ONE SPEED - POWERSHIFT (HYDRAULIC)

252GDHVP-*5 (1)	120 I	Eng	122			Furnished	252GDHVX-*5 (1)	120 I	Eng	122			Furnished
252GMHVP-*5 (4)	50 I	Eng	178			Furnished	252GMHVX-*5 (4)	50 I	Eng	178			Furnished

GEARED ADAPTERS

626GHVX-4HV (2)	250 I	Opp		7-A-140(P)(9)		Furnished	626GHVX-3HV (2)	250 I	Opp		7-A-140(P)(9)		Furnished
630GHVX-4HV (2)	250 I	Opp		7-A-140(P)(9)		Furnished	630GHVX-3HV (2)	250 I	Opp		7-A-140(P)(9)		Furnished
645GHVX-4HV (2)	250 I	Opp		7-A-140(P)(9)		Furnished	645GHVX-3HV (2)	250 I	Opp		7-A-140(P)(9)		Furnished

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

- (1) Input Gear Part No. 5-P-1294
(2) Input Gear Part No. 5-P-1300
(3) Input Gear Part No. 5-P-1358
(4) Input Gear Part No. 5-P-1386
(5) Input Gear Part No. 5-P-1516-1X
(6) Input Gear Part No. 5-P-1516-2X

- (7) Input Gear Part No. 5-P-1516-3X
(8) Input Gear Part No. 5-P-1516-4X
(9) Filler block furnished with PTO

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ALL-16

3000 (International - Side/Top PTO Provision)
3000 CRS (Side/Top PTO Provision)
3000 RDS (Side/Top PTO Provision)
3000 SP (Side/Top PTO Provision)
3200 (International - Side/Top PTO Provision)
3200 CRS (Side/Top PTO Provision)
3200 SP (Side/Top PTO Provision)
3500 (International - Side/Top PTO Provision)

3500 CRS (Side/Top PTO Provision)
3500 RDS (Side/Top PTO Provision)
3500 SP (Side/Top PTO Provision)
MD-3066P (Europe Only)

LEFT SIDE ONLY

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH

267SBFJP-*5 (4)	402 I	Eng	88			Furnished	267SBFJP-*3 (4)	402 I	Eng	88			Furnished
267SDFJP-*5 (3)	390 I	Eng	106			Furnished	267SDFJP-*3 (3)	390 I	Eng	106			Furnished
267SGFJP-*5 (2)	360 I	Eng	126			Furnished	267SGFJP-*3 (2)	360 I	Eng	126			Furnished
267SMFJP-*5 (5)	309 I	Eng	157			Furnished	267SMFJP-*3 (5)	309 I	Eng	157			Furnished
267SSFJP-*5 (1)	247 I	Eng	196			Furnished	267SSFJP-*3 (1)	247 I	Eng	196			Furnished
267XBFJP-*5 (25)	335 I	Eng	88			Furnished	267XBFJP-*3 (25)	335 I	Eng	88			Furnished
267XDFJP-*5 (26)	325 I	Eng	106			Furnished	267XDFJP-*3 (26)	325 I	Eng	106			Furnished
267XGFJP-*5 (27)	300 I	Eng	126			Furnished	267XGFJP-*3 (27)	300 I	Eng	126			Furnished
267XMFJP-*5 (28)	265 I	Eng	157			Furnished	267XMFJP-*3 (28)	265 I	Eng	157			Furnished
267XSFJP-*5 (1)	247 I	Eng	196			Furnished	267XSFJP-*3 (1)	247 I	Eng	196			Furnished
288GBFJP-*5 (17)	300 C	Eng	73			Furnished	288GBFJP-*3 (17)	300 C	Eng	73			Furnished
288GBFJP-*8 (17)	300 C	Eng	69			Furnished	288GBFJP-*8 (17)	300 C	Eng	69			Furnished
288GCFJP-*5 (18)	390 C	Eng	88			Furnished	288GCFJP-*3 (18)	390 C	Eng	88			Furnished
288GCFJP-*8 (18)	390 C	Eng	83			Furnished	288GCFJP-*8 (18)	390 C	Eng	83			Furnished
288GDFJP-*5 (19)	390 C	Eng	87			Furnished	288GDFJP-*3 (19)	390 C	Eng	87			Furnished
288GDFJP-*8 (19)	390 C	Eng	99			Furnished	288GDFJP-*8 (19)	390 C	Eng	99			Furnished
288GGFJP-*5 (20)	360 C	Eng	126			Furnished	288GGFJP-*3 (20)	360 C	Eng	126			Furnished
288GGFJP-*8 (20)	360 C	Eng	117			Furnished	288GGFJP-*8 (20)	360 C	Eng	117			Furnished
288GKFJP-*5 (21)	340 C	Eng	140			Furnished	288GKFJP-*3 (21)	340 C	Eng	140			Furnished
288GMFJP-*5 (22)	309 C	Eng	157			Furnished	288GMFJP-*3 (22)	309 C	Eng	157			Furnished
288GMFJP-*8 (22)	318 C	Eng	145			Furnished	288GMFJP-*8 (22)	318 C	Eng	145			Furnished
288GPFJP-*5 (23)	275 C	Eng	175			Furnished	288GPFJP-*3 (23)	275 C	Eng	175			Furnished
288GPFJP-*8 (23)	290 C	Eng	162			Furnished	288GPFJP-*8 (23)	290 C	Eng	162			Furnished
288GSFJP-*5 (24)	247 C	Eng	196			Furnished	288GSFJP-*3 (24)	247 C	Eng	196			Furnished
288GSFJP-*8 (24)	265 C	Eng	180			Furnished	288GSFJP-*8 (24)	265 C	Eng	180			Furnished
288GTFJP-*8 (16)	230 C	Eng	211			Furnished	288GTFJP-*8 (16)	230 C	Eng	211			Furnished
878XAFJP-*5 (7)	485 C	Eng	100			Furnished	878XAFJP-*3 (7)	485 C	Eng	100			Furnished
878XBFJP-*5 (8)	458 C	Eng	106			Furnished	878XBFJP-*3 (8)	458 C	Eng	106			Furnished
878XCFJP-*5 (9)	425 C	Eng	114			Furnished	878XCFJP-*3 (9)	425 C	Eng	114			Furnished
878XDFJP-*5 (10)	401 C	Eng	121			Furnished	878XDFJP-*3 (10)	401 C	Eng	121			Furnished
878XEFJP-*5 (11)	351 C	Eng	138			Furnished	878XEFJP-*3 (11)	351 C	Eng	138			Furnished
878XFFJP-*5 (12)	311 C	Eng	156			Furnished	878XFFJP-*3 (12)	311 C	Eng	156			Furnished
878XGFJP-*5 (13)	274 C	Eng	177			Furnished	878XGFJP-*3 (13)	274 C	Eng	177			Furnished
878XHFJP-*5 (14)	258 C	Eng	188			Furnished	878XHFJP-*3 (14)	258 C	Eng	188			Furnished
878XJFJP-*5 (15)	242 C	Eng	200			Furnished	878XJFJP-*3 (15)	242 C	Eng	200			Furnished
878XKFJP-*5 (6)	292 C	Eng	166			Furnished	878XKFJP-*3 (6)	292 C	Eng	166			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page.
Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(1) Input Gear Part No. 5-P-1173
(2) Input Gear Part No. 5-P-1225
(3) Input Gear Part No. 5-P-1293
(4) Input Gear Part No. 5-P-1350
(5) Input Gear Part No. 5-P-1351
(7) Input Gear Part No. 5-P-1428-11X

(8) Input Gear Part No. 5-P-1428-12X
(9) Input Gear Part No. 5-P-1428-3X
(10) Input Gear Part No. 5-P-1428-4X
(11) Input Gear Part No. 5-P-1428-5X
(12) Input Gear Part No. 5-P-1428-6X
(16) Input Gear Part No. 5-P-1491-10X

(17) Input Gear Part No. 5-P-1491-1X
(18) Input Gear Part No. 5-P-1491-2X
(19) Input Gear Part No. 5-P-1491-3X
(20) Input Gear Part No. 5-P-1491-4X
(21) Input Gear Part No. 5-P-1491-5X
(22) Input Gear Part No. 5-P-1491-6X

(23) Input Gear Part No. 5-P-1491-7X
(24) Input Gear Part No. 5-P-1491-8X
(25) Input Gear Part No. 5-P-912
(26) Input Gear Part No. 5-P-913
(27) Input Gear Part No. 5-P-914
(28) Input Gear Part No. 5-P-915

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ALLISON

ALL-16

3000 (International - Side/Top PTO Provision)
3000 ORS (Side/Top PTO Provision)
3000 RDS (Side/Top PTO Provision)
3000 SP (Side/Top PTO Provision)
3200 (International - Side/Top PTO Provision)
3200 ORS (Side/Top PTO Provision)
3200 SP (Side/Top PTO Provision)
3500 (International - Side/Top PTO Provision)

3500 ORS (Side/Top PTO Provision)
3500 RDS (Side/Top PTO Provision)
3500 SP (Side/Top PTO Provision)
MD-3066P (Europe Only)

LEFT SIDE ONLY

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (17)	300 C	Eng	73			Furnished	281GBFJP-*3 (17)	300 C	Eng	73			Furnished
281GBFJP-*8 (17)	300 C	Eng	69			Furnished	281GBFJP-*8 (17)	300 C	Eng	69			Furnished
281GCFJP-*5 (18)	390 C	Eng	88			Furnished	281GCFJP-*3 (18)	390 C	Eng	88			Furnished
281GCFJP-*8 (18)	390 C	Eng	83			Furnished	281GCFJP-*8 (18)	390 C	Eng	83			Furnished
281GDFJP-*5 (19)	390 C	Eng	106			Furnished	281GDFJP-*3 (19)	390 C	Eng	106			Furnished
281GDFJP-*8 (19)	390 C	Eng	99			Furnished	281GDFJP-*8 (19)	390 C	Eng	99			Furnished
281GGFJP-*5 (20)	360 C	Eng	126			Furnished	281GGFJP-*3 (20)	360 C	Eng	126			Furnished
281GGFJP-*8 (20)	360 C	Eng	117			Furnished	281GGFJP-*8 (20)	360 C	Eng	117			Furnished
281GKFJP-*5 (21)	340 C	Eng	140			Furnished	281GKFJP-*3 (21)	340 C	Eng	140			Furnished
281GMFJP-*5 (22)	309 C	Eng	157			Furnished	281GMFJP-*3 (22)	309 C	Eng	157			Furnished
281GMFJP-*8 (22)	318 C	Eng	145			Furnished	281GMFJP-*8 (22)	318 C	Eng	145			Furnished
281GPFJP-*5 (23)	275 C	Eng	175			Furnished	281GPFJP-*3 (23)	275 C	Eng	175			Furnished
281GPFJP-*8 (23)	290 C	Eng	162			Furnished	281GPFJP-*8 (23)	290 C	Eng	162			Furnished
281GSFJP-*5 (24)	247 C	Eng	196			Furnished	281GSFJP-*3 (24)	247 C	Eng	196			Furnished
281GSFJP-*8 (24)	265 C	Eng	180			Furnished	281GSFJP-*8 (24)	265 C	Eng	180			Furnished
281GTFJP-*8 (16)	230 C	Eng	211			Furnished	281GTFJP-*8 (16)	230 C	Eng	211			Furnished
871XAFJP-*5 (7)	485 C	Eng	100			Furnished	871XAFJP-*3 (7)	485 C	Eng	100			Furnished
871XBFJP-*5 (8)	458 C	Eng	106			Furnished	871XBFJP-*3 (8)	458 C	Eng	106			Furnished
871XCFJP-*5 (9)	425 C	Eng	114			Furnished	871XCFJP-*3 (9)	425 C	Eng	114			Furnished
871XDFJP-*5 (10)	401 C	Eng	121			Furnished	871XDFJP-*3 (10)	401 C	Eng	121			Furnished
871XEFJP-*5 (11)	351 C	Eng	138			Furnished	871XEFJP-*3 (11)	351 C	Eng	138			Furnished
871XFFJP-*5 (12)	311 C	Eng	156			Furnished	871XFFJP-*3 (12)	311 C	Eng	156			Furnished
871XGFJP-*5 (13)	274 C	Eng	177			Furnished	871XGFJP-*3 (13)	274 C	Eng	177			Furnished
871XHFPJP-*5 (14)	258 C	Eng	188			Furnished	871XHFPJP-*3 (14)	258 C	Eng	188			Furnished
871XJFJP-*5 (15)	242 C	Eng	200			Furnished	871XJFJP-*3 (15)	242 C	Eng	200			Furnished

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† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page.
Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(6) Input Gear Part No. 5-P-1428-10X
(7) Input Gear Part No. 5-P-1428-11X
(8) Input Gear Part No. 5-P-1428-12X
(9) Input Gear Part No. 5-P-1428-3X
(10) Input Gear Part No. 5-P-1428-4X
(11) Input Gear Part No. 5-P-1428-5X

(12) Input Gear Part No. 5-P-1428-6X
(13) Input Gear Part No. 5-P-1428-7X
(14) Input Gear Part No. 5-P-1428-8X
(15) Input Gear Part No. 5-P-1428-9X
(16) Input Gear Part No. 5-P-1491-10X
(17) Input Gear Part No. 5-P-1491-1X

(18) Input Gear Part No. 5-P-1491-2X
(19) Input Gear Part No. 5-P-1491-3X
(20) Input Gear Part No. 5-P-1491-4X
(21) Input Gear Part No. 5-P-1491-5X
(22) Input Gear Part No. 5-P-1491-6X
(23) Input Gear Part No. 5-P-1491-7X

(24) Input Gear Part No. 5-P-1491-8X

CHELSEA®

ALLISON

ALL-16

3000 (International - Side/Top PTO Provision)
3000 ORS (Side/Top PTO Provision)
3000 RDS (Side/Top PTO Provision)
3000 SP (Side/Top PTO Provision)
3200 (International - Side/Top PTO Provision)
3200 ORS (Side/Top PTO Provision)
3200 SP (Side/Top PTO Provision)
3500 (International - Side/Top PTO Provision)

3500 ORS (Side/Top PTO Provision)
3500 RDS (Side/Top PTO Provision)
3500 SP (Side/Top PTO Provision)
MD-3066P (Europe Only)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

871LAFJW-*5 (7)	485 C	Eng	100			Furnished	890TAFJW-*5 (7)	485 C	Eng	100			Furnished
871LBFJW-*5 (8)	458 C	Eng	106			Furnished	890TBFJW-*5 (8)	458 C	Eng	106			Furnished
871LCFJW-*5 (9)	425 C	Eng	114			Furnished	890TCFJW-*5 (9)	425 C	Eng	114			Furnished
871LDFJW-*5 (10)	401 C	Eng	121			Furnished	890TDFJW-*5 (10)	401 C	Eng	121			Furnished
871LEFJW-*5 (11)	351 C	Eng	138			Furnished	890TEFJW-*5 (11)	351 C	Eng	138			Furnished
871LFFJW-*5 (12)	311 C	Eng	156			Furnished	890TFFJW-*5 (12)	311 C	Eng	156			Furnished
871LGFJW-*5 (13)	274 C	Eng	177			Furnished	890TGFJW-*5 (13)	274 C	Eng	177			Furnished
871LHFJW-*5 (14)	258 C	Eng	188			Furnished	890THFJW-*5 (14)	258 C	Eng	188			Furnished
890EAFJW-*5 (7)	485 C	Eng	100			Furnished							
890EBFJW-*5 (8)	458 C	Eng	106			Furnished							
890ECFJW-*5 (9)	425 C	Eng	114			Furnished							
890EDFJW-*5 (10)	401 C	Eng	121			Furnished							
890EEFJW-*5 (11)	351 C	Eng	138			Furnished							
890EFFJW-*5 (12)	311 C	Eng	156			Furnished							
890EGFJW-*5 (13)	274 C	Eng	177			Furnished							
890EHFJW-*5 (14)	258 C	Eng	188			Furnished							

ONE SPEED - CONSTANT MESH EXTENDED SHAFT

878LAFJW-*5 (7)	485 C	Eng	100			Furnished	897TAFJW-*5 (7)	485 C	Eng	100			Furnished
878LBFJW-*5 (8)	458 C	Eng	106			Furnished	897TBFJW-*5 (8)	458 C	Eng	106			Furnished
878LCFJW-*5 (9)	425 C	Eng	114			Furnished	897TCFJW-*5 (9)	425 C	Eng	114			Furnished
878LDFJW-*5 (10)	401 C	Eng	121			Furnished	897TDFJW-*5 (10)	401 C	Eng	121			Furnished
878LEFJW-*5 (11)	351 C	Eng	138			Furnished	897TEFJW-*5 (11)	351 C	Eng	138			Furnished
878LFFJW-*5 (12)	311 C	Eng	156			Furnished	897TFFJW-*5 (12)	311 C	Eng	156			Furnished
878LGFJW-*5 (13)	274 C	Eng	177			Furnished	897TGFJW-*5 (13)	274 C	Eng	177			Furnished
878LHFJW-*5 (14)	258 C	Eng	188			Furnished	897THFJW-*5 (14)	258 C	Eng	188			Furnished
897EAFJW-*5 (7)	485 C	Eng	100			Furnished							
897EBFJW-*5 (8)	458 C	Eng	106			Furnished							
897ECFJW-*5 (9)	425 C	Eng	114			Furnished							
897EDFJW-*5 (10)	401 C	Eng	121			Furnished							
897EEFJW-*5 (11)	351 C	Eng	138			Furnished							
897EFFJW-*5 (12)	311 C	Eng	156			Furnished							
897EGFJW-*5 (13)	274 C	Eng	177			Furnished							
897EHFJW-*5 (14)	258 C	Eng	188			Furnished							

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† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(7) Input Gear Part No. 5-P-1428-11X
(8) Input Gear Part No. 5-P-1428-12X
(9) Input Gear Part No. 5-P-1428-3X
(10) Input Gear Part No. 5-P-1428-4X
(11) Input Gear Part No. 5-P-1428-5X
(12) Input Gear Part No. 5-P-1428-6X

(13) Input Gear Part No. 5-P-1428-7X
(14) Input Gear Part No. 5-P-1428-8X

CHELSEA®

ALLISON

ALL-16C

3000 (3000 Family Side/Top PTO Provision w/ Integral Cooler)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH

267SBFJP-*5 (4)	402 I	Eng	88			Furnished	267SBFJP-*3 (4)	402 I	Eng	88			Furnished
267SDFJP-*5 (3)	390 I	Eng	106			Furnished	267SDFJP-*3 (3)	390 I	Eng	106			Furnished
267SGFJP-*5 (2)	360 I	Eng	126			Furnished	267SGFJP-*3 (2)	360 I	Eng	126			Furnished
267SMFJP-*5 (5)	309 I	Eng	157			Furnished	267SMFJP-*3 (5)	309 I	Eng	157			Furnished
267SSFJP-*5 (1)	247 I	Eng	196			Furnished	267SSFJP-*3 (1)	247 I	Eng	196			Furnished
267XBFJP-*5 (25)	335 I	Eng	88			Furnished	267XBFJP-*3 (25)	335 I	Eng	88			Furnished
267XDFJP-*5 (26)	325 I	Eng	106			Furnished	267XDFJP-*3 (26)	325 I	Eng	106			Furnished
267XGFJP-*5 (27)	300 I	Eng	126			Furnished	267XGFJP-*3 (27)	300 I	Eng	126			Furnished
267XMFJP-*5 (28)	265 I	Eng	157			Furnished	267XMFJP-*3 (28)	265 I	Eng	157			Furnished
267XSFJP-*5 (1)	247 I	Eng	196			Furnished	267XSFJP-*3 (1)	247 I	Eng	196			Furnished
288GBFJP-*5 (17)	300 C	Eng	73			Furnished	288GBFJP-*3 (17)	300 C	Eng	73			Furnished
288GBFJP-*8 (17)	300 C	Eng	69			Furnished	288GBFJP-*8 (17)	300 C	Eng	69			Furnished
288GCFJP-*5 (18)	390 C	Eng	88			Furnished	288GCFJP-*3 (18)	390 C	Eng	88			Furnished
288GCFJP-*8 (18)	390 C	Eng	83			Furnished	288GCFJP-*8 (18)	390 C	Eng	83			Furnished
288GDFJP-*5 (19)	390 C	Eng	87			Furnished	288GDFJP-*3 (19)	390 C	Eng	87			Furnished
288GDFJP-*8 (19)	390 C	Eng	99			Furnished	288GDFJP-*8 (19)	390 C	Eng	99			Furnished
288GGFJP-*5 (20)	360 C	Eng	126			Furnished	288GGFJP-*3 (20)	360 C	Eng	126			Furnished
288GGFJP-*8 (20)	360 C	Eng	117			Furnished	288GGFJP-*8 (20)	360 C	Eng	117			Furnished
288GKFJP-*5 (21)	340 C	Eng	140			Furnished	288GKFJP-*3 (21)	340 C	Eng	140			Furnished
288GMFJP-*5 (22)	309 C	Eng	157			Furnished	288GMFJP-*3 (22)	309 C	Eng	157			Furnished
288GMFJP-*8 (22)	318 C	Eng	145			Furnished	288GMFJP-*8 (22)	318 C	Eng	145			Furnished
288GPFJP-*5 (23)	275 C	Eng	175			Furnished	288GPFJP-*3 (23)	275 C	Eng	175			Furnished
288GPFJP-*8 (23)	290 C	Eng	162			Furnished	288GPFJP-*8 (23)	290 C	Eng	162			Furnished
288GSFJP-*5 (24)	247 C	Eng	196			Furnished	288GSFJP-*3 (24)	247 C	Eng	196			Furnished
288GSFJP-*8 (24)	265 C	Eng	180			Furnished	288GSFJP-*8 (24)	265 C	Eng	180			Furnished
288GTFJP-*8 (16)	230 C	Eng	211			Furnished	288GTFJP-*8 (16)	230 C	Eng	211			Furnished
878XAFJP-*5 (7)	485 C	Eng	100			Furnished	878XAFJP-*3 (7)	485 C	Eng	100			Furnished
878XBFJP-*5 (8)	458 C	Eng	106			Furnished	878XBFJP-*3 (8)	458 C	Eng	106			Furnished
878XCFJP-*5 (9)	425 C	Eng	114			Furnished	878XCFJP-*3 (9)	425 C	Eng	114			Furnished
878XDFJP-*5 (10)	401 C	Eng	121			Furnished	878XDFJP-*3 (10)	401 C	Eng	121			Furnished
878XEFJP-*5 (11)	351 C	Eng	138			Furnished	878XEFJP-*3 (11)	351 C	Eng	138			Furnished
878XFFJP-*5 (12)	311 C	Eng	156			Furnished	878XFFJP-*3 (12)	311 C	Eng	156			Furnished
878XGFJP-*5 (13)	274 C	Eng	177			Furnished	878XGFJP-*3 (13)	274 C	Eng	177			Furnished
878XHFJP-*5 (14)	258 C	Eng	188			Furnished	878XHFJP-*3 (14)	258 C	Eng	188			Furnished
878XJFJP-*5 (15)	242 C	Eng	200			Furnished	878XJFJP-*3 (15)	242 C	Eng	200			Furnished
878XKFJP-*5 (6)	292 C	Eng	166			Furnished	878XKFJP-*3 (6)	292 C	Eng	166			Furnished

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† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

- 1) Input Gear Part No. 5-P-1173
 (2) Input Gear Part No. 5-P-1225
 (3) Input Gear Part No. 5-P-1293
 (4) Input Gear Part No. 5-P-1350
 (5) Input Gear Part No. 5-P-1351
 (7) Input Gear Part No. 5-P-1428-11X

- (8) Input Gear Part No. 5-P-1428-12X
 (9) Input Gear Part No. 5-P-1428-3X
 (10) Input Gear Part No. 5-P-1428-4X
 (11) Input Gear Part No. 5-P-1428-5X
 (12) Input Gear Part No. 5-P-1428-6X
 (16) Input Gear Part No. 5-P-1491-10X

- (17) Input Gear Part No. 5-P-1491-1X
 (18) Input Gear Part No. 5-P-1491-2X
 (19) Input Gear Part No. 5-P-1491-3X
 (20) Input Gear Part No. 5-P-1491-4X
 (21) Input Gear Part No. 5-P-1491-5X
 (22) Input Gear Part No. 5-P-1491-6X

- (23) Input Gear Part No. 5-P-1491-7X
 (24) Input Gear Part No. 5-P-1491-8X
 (25) Input Gear Part No. 5-P-912
 (26) Input Gear Part No. 5-P-913
 (27) Input Gear Part No. 5-P-914
 (28) Input Gear Part No. 5-P-915

CHELSEA®

ALLISON

ALL-16C

3000 (3000 Family Side/Top PTO Provision w/ Integral Cooler)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (17)	300 C	Eng	73			Furnished	281GBFJP-*3 (17)	300 C	Eng	73			Furnished
281GBFJP-*8 (17)	300 C	Eng	69			Furnished	281GBFJP-*8 (17)	300 C	Eng	69			Furnished
281GCFJP-*5 (18)	390 C	Eng	88			Furnished	281GCFJP-*3 (18)	390 C	Eng	88			Furnished
281GCFJP-*8 (18)	390 C	Eng	83			Furnished	281GCFJP-*8 (18)	390 C	Eng	83			Furnished
281GDFJP-*5 (19)	390 C	Eng	106			Furnished	281GDFJP-*3 (19)	390 C	Eng	106			Furnished
281GDFJP-*8 (19)	390 C	Eng	99			Furnished	281GDFJP-*8 (19)	390 C	Eng	99			Furnished
281GGFJP-*5 (20)	360 C	Eng	126			Furnished	281GGFJP-*3 (20)	360 C	Eng	126			Furnished
281GGFJP-*8 (20)	360 C	Eng	117			Furnished	281GGFJP-*8 (20)	360 C	Eng	117			Furnished
281GKFJP-*5 (21)	340 C	Eng	140			Furnished	281GKFJP-*3 (21)	340 C	Eng	140			Furnished
281GMFJP-*5 (22)	309 C	Eng	157			Furnished	281GMFJP-*3 (22)	309 C	Eng	157			Furnished
281GMFJP-*8 (22)	318 C	Eng	145			Furnished	281GMFJP-*8 (22)	318 C	Eng	145			Furnished
281GPFJP-*5 (23)	275 C	Eng	175			Furnished	281GPFJP-*3 (23)	275 C	Eng	175			Furnished
281GPFJP-*8 (23)	290 C	Eng	162			Furnished	281GPFJP-*8 (23)	290 C	Eng	162			Furnished
281GSFJP-*5 (24)	247 C	Eng	196			Furnished	281GSFJP-*3 (24)	247 C	Eng	196			Furnished
281GSFJP-*8 (24)	265 C	Eng	180			Furnished	281GSFJP-*8 (24)	265 C	Eng	180			Furnished
281GTFJP-*8 (16)	230 C	Eng	211			Furnished	281GTFJP-*8 (16)	230 C	Eng	211			Furnished
871XAFJP-*5 (7)	485 C	Eng	100			Furnished	871XAFJP-*3 (7)	485 C	Eng	100			Furnished
871XBFJP-*5 (8)	458 C	Eng	106			Furnished	871XBFJP-*3 (8)	458 C	Eng	106			Furnished
871XCFJP-*5 (9)	425 C	Eng	114			Furnished	871XCFJP-*3 (9)	425 C	Eng	114			Furnished
871XDFJP-*5 (10)	401 C	Eng	121			Furnished	871XDFJP-*3 (10)	401 C	Eng	121			Furnished
871XEFJP-*5 (11)	351 C	Eng	138			Furnished	871XEFJP-*3 (11)	351 C	Eng	138			Furnished
871XFFJP-*5 (12)	311 C	Eng	156			Furnished	871XFFJP-*3 (12)	311 C	Eng	156			Furnished
871XGFJP-*5 (13)	274 C	Eng	177			Furnished	871XGFJP-*3 (13)	274 C	Eng	177			Furnished
871XHFJP-*5 (14)	258 C	Eng	188			Furnished	871XHFJP-*3 (14)	258 C	Eng	188			Furnished
871XJFJP-*5 (15)	242 C	Eng	200			Furnished	871XJFJP-*3 (15)	242 C	Eng	200			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(6) Input Gear Part No. 5-P-1428-10X
(7) Input Gear Part No. 5-P-1428-11X
(8) Input Gear Part No. 5-P-1428-12X
(9) Input Gear Part No. 5-P-1428-3X
(10) Input Gear Part No. 5-P-1428-4X
(11) Input Gear Part No. 5-P-1428-5X

(12) Input Gear Part No. 5-P-1428-6X
(13) Input Gear Part No. 5-P-1428-7X
(14) Input Gear Part No. 5-P-1428-8X
(15) Input Gear Part No. 5-P-1428-9X
(16) Input Gear Part No. 5-P-1491-10X
(17) Input Gear Part No. 5-P-1491-1X

(18) Input Gear Part No. 5-P-1491-2X
(19) Input Gear Part No. 5-P-1491-3X
(20) Input Gear Part No. 5-P-1491-4X
(21) Input Gear Part No. 5-P-1491-5X
(22) Input Gear Part No. 5-P-1491-6X
(23) Input Gear Part No. 5-P-1491-7X

(24) Input Gear Part No. 5-P-1491-8X

CHELSEA®

ALLISON

ALL-16C

3000 (3000 Family Side/Top PTO Provision w/ Integral Cooler)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

871LAFJW-*5 (7)	485 C	Eng	100			Furnished	890TAFJW-*5 (7)	485 C	Eng	100			Furnished
871LBFJW-*5 (8)	458 C	Eng	106			Furnished	890TBFJW-*5 (8)	458 C	Eng	106			Furnished
871LCFJW-*5 (9)	425 C	Eng	114			Furnished	890TCFJW-*5 (9)	425 C	Eng	114			Furnished
871LDFJW-*5 (10)	401 C	Eng	121			Furnished	890TDFJW-*5 (10)	401 C	Eng	121			Furnished
871LEFJW-*5 (11)	351 C	Eng	138			Furnished	890TEFJW-*5 (11)	351 C	Eng	138			Furnished
871LFFJW-*5 (12)	311 C	Eng	156			Furnished	890TFFJW-*5 (12)	311 C	Eng	156			Furnished
871LGFJW-*5 (13)	274 C	Eng	177			Furnished	890TGFJW-*5 (13)	274 C	Eng	177			Furnished
871LHFJW-*5 (14)	258 C	Eng	188			Furnished	890THFJW-*5 (14)	258 C	Eng	188			Furnished

ONE SPEED - CONSTANT MESH EXTENDED SHAFT

878LAFJW-*5 (7)	485 C	Eng	100			Furnished	897TAFJW-*5 (7)	485 C	Eng	100			Furnished
878LBFJW-*5 (8)	458 C	Eng	106			Furnished	897TBFJW-*5 (8)	458 C	Eng	106			Furnished
878LCFJW-*5 (9)	425 C	Eng	114			Furnished	897TCFJW-*5 (9)	425 C	Eng	114			Furnished
878LDFJW-*5 (10)	401 C	Eng	121			Furnished	897TDFJW-*5 (10)	401 C	Eng	121			Furnished
878LEFJW-*5 (11)	351 C	Eng	138			Furnished	897TEFJW-*5 (11)	351 C	Eng	138			Furnished
878LFFJW-*5 (12)	311 C	Eng	156			Furnished	897TFFJW-*5 (12)	311 C	Eng	156			Furnished
878LGFJW-*5 (13)	274 C	Eng	177			Furnished	897TGFJW-*5 (13)	274 C	Eng	177			Furnished
878LHFJW-*5 (14)	258 C	Eng	188			Furnished	897THFJW-*5 (14)	258 C	Eng	188			Furnished

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† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(7) Input Gear Part No. 5-P-1428-11X
(8) Input Gear Part No. 5-P-1428-12X
(9) Input Gear Part No. 5-P-1428-3X
(10) Input Gear Part No. 5-P-1428-4X
(11) Input Gear Part No. 5-P-1428-5X
(12) Input Gear Part No. 5-P-1428-6X

(13) Input Gear Part No. 5-P-1428-7X
(14) Input Gear Part No. 5-P-1428-8X

CHELSEA®

ALLISON

ALL-16EV

3000 EVS (Emergency Vehicles Only Top/Side PTO Provisions)
3500 EVS (Emergency Vehicles Only Top/Side PTO Provisions)

LEFT SIDE ONLY

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH

267SBFJP-*5 (4)	402 I	Eng	88			Furnished	267SBFJP-*3 (4)	402 I	Eng	88			Furnished
267SDFJP-*5 (3)	390 I	Eng	106			Furnished	267SDFJP-*3 (3)	390 I	Eng	106			Furnished
267SGFJP-*5 (2)	360 I	Eng	126			Furnished	267SGFJP-*3 (2)	360 I	Eng	126			Furnished
267SMFJP-*5 (5)	309 I	Eng	157			Furnished	267SMFJP-*3 (5)	309 I	Eng	157			Furnished
267SSFJP-*5 (1)	247 I	Eng	196			Furnished	267SSFJP-*3 (1)	247 I	Eng	196			Furnished
267XBFJP-*5 (25)	335 I	Eng	88			Furnished	267XBFJP-*3 (25)	335 I	Eng	88			Furnished
267XDFJP-*5 (26)	325 I	Eng	106			Furnished	267XDFJP-*3 (26)	325 I	Eng	106			Furnished
267XGFJP-*5 (27)	300 I	Eng	126			Furnished	267XGFJP-*3 (27)	300 I	Eng	126			Furnished
267XMFJP-*5 (28)	265 I	Eng	157			Furnished	267XMFJP-*3 (28)	265 I	Eng	157			Furnished
267XSFJP-*5 (1)	247 I	Eng	196			Furnished	267XSFJP-*3 (1)	247 I	Eng	196			Furnished
288GBFJP-*5 (17)	300 C	Eng	73			Furnished	288GBFJP-*3 (17)	300 C	Eng	73			Furnished
288GBFJP-*8 (17)	300 C	Eng	69			Furnished	288GBFJP-*8 (17)	300 C	Eng	69			Furnished
288GCFJP-*5 (18)	390 C	Eng	88			Furnished	288GCFJP-*3 (18)	390 C	Eng	88			Furnished
288GCFJP-*8 (18)	390 C	Eng	83			Furnished	288GCFJP-*8 (18)	390 C	Eng	83			Furnished
288GDFJP-*5 (19)	390 C	Eng	87			Furnished	288GDFJP-*3 (19)	390 C	Eng	87			Furnished
288GDFJP-*8 (19)	390 C	Eng	99			Furnished	288GDFJP-*8 (19)	390 C	Eng	99			Furnished
288GGFJP-*5 (20)	360 C	Eng	126			Furnished	288GGFJP-*3 (20)	360 C	Eng	126			Furnished
288GGFJP-*8 (20)	360 C	Eng	117			Furnished	288GGFJP-*8 (20)	360 C	Eng	117			Furnished
288GKFJP-*5 (21)	340 C	Eng	140			Furnished	288GKFJP-*3 (21)	340 C	Eng	140			Furnished
288GMFJP-*5 (22)	318 C	Eng	157			Furnished	288GMFJP-*3 (22)	318 C	Eng	157			Furnished
288GMFJP-*8 (22)	318 C	Eng	145			Furnished	288GMFJP-*8 (22)	318 C	Eng	145			Furnished
288GPFJP-*5 (23)	290 C	Eng	175			Furnished	288GPFJP-*3 (23)	290 C	Eng	175			Furnished
288GPFJP-*8 (23)	290 C	Eng	162			Furnished	288GPFJP-*8 (23)	290 C	Eng	162			Furnished
288GSFJP-*5 (24)	265 C	Eng	196			Furnished	288GSFJP-*3 (24)	265 C	Eng	196			Furnished
288GSFJP-*8 (24)	265 C	Eng	180			Furnished	288GSFJP-*8 (24)	265 C	Eng	180			Furnished
288GTFJP-*8 (16)	230 C	Eng	211			Furnished	288GTFJP-*8 (16)	230 C	Eng	211			Furnished
878XAFJP-*5 (7)	670 C	Eng	100			Furnished	878XAFJP-*3 (7)	670 C	Eng	100			Furnished
878XBFJP-*5 (8)	632 C	Eng	106			Furnished	878XBFJP-*3 (8)	632 C	Eng	106			Furnished
878XCFJP-*5 (9)	588 C	Eng	114			Furnished	878XCFJP-*3 (9)	588 C	Eng	114			Furnished
878XDFJP-*5 (10)	554 C	Eng	121			Furnished	878XDFJP-*3 (10)	554 C	Eng	121			Furnished
878XEFJP-*5 (11)	486 C	Eng	138			Furnished	878XEFJP-*3 (11)	486 C	Eng	138			Furnished
878XFFJP-*5 (12)	429 C	Eng	156			Furnished	878XFFJP-*3 (12)	429 C	Eng	156			Furnished
878XGFJP-*5 (13)	379 C	Eng	177			Furnished	878XGFJP-*3 (13)	379 C	Eng	177			Furnished
878XHFJP-*5 (14)	356 C	Eng	188			Furnished	878XHFJP-*3 (14)	356 C	Eng	188			Furnished
878XJFJP-*5 (15)	334 C	Eng	200			Furnished	878XJFJP-*3 (15)	334 C	Eng	200			Furnished
878XKFJP-*5 (6)	404 C	Eng	166			Furnished	878XKFJP-*3 (6)	404 C	Eng	166			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

- (1) Input Gear Part No. 5-P-1173
(2) Input Gear Part No. 5-P-1225
(3) Input Gear Part No. 5-P-1293
(4) Input Gear Part No. 5-P-1350
(5) Input Gear Part No. 5-P-1351
(7) Input Gear Part No. 5-P-1428-11X

- (8) Input Gear Part No. 5-P-1428-12X
(9) Input Gear Part No. 5-P-1428-3X
(10) Input Gear Part No. 5-P-1428-4X
(11) Input Gear Part No. 5-P-1428-5X
(12) Input Gear Part No. 5-P-1428-6X
(16) Input Gear Part No. 5-P-1491-10X

- (17) Input Gear Part No. 5-P-1491-1X
(18) Input Gear Part No. 5-P-1491-2X
(19) Input Gear Part No. 5-P-1491-3X
(20) Input Gear Part No. 5-P-1491-4X
(21) Input Gear Part No. 5-P-1491-5X
(22) Input Gear Part No. 5-P-1491-6X

- (23) Input Gear Part No. 5-P-1491-7X
(24) Input Gear Part No. 5-P-1491-8X
(25) Input Gear Part No. 5-P-912
(26) Input Gear Part No. 5-P-913
(27) Input Gear Part No. 5-P-914
(28) Input Gear Part No. 5-P-915

CHELSEA®

ALLISON

ALL-16EV

3000 EVS (Emergency Vehicles Only Top/Side PTO Provisions)
3500 EVS (Emergency Vehicles Only Top/Side PTO Provisions)

LEFT SIDE ONLY

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (17)	300 C	Eng	73			Furnished	281GBFJP-*3 (17)	300 C	Eng	73			Furnished
281GBFJP-*8 (17)	300 C	Eng	69			Furnished	281GBFJP-*8 (17)	300 C	Eng	69			Furnished
281GCFJP-*5 (18)	390 C	Eng	88			Furnished	281GCFJP-*3 (18)	390 C	Eng	88			Furnished
281GCFJP-*8 (18)	390 C	Eng	83			Furnished	281GCFJP-*8 (18)	390 C	Eng	83			Furnished
281GDFJP-*5 (19)	390 C	Eng	106			Furnished	281GDFJP-*3 (19)	390 C	Eng	106			Furnished
281GDFJP-*8 (19)	390 C	Eng	99			Furnished	281GDFJP-*8 (19)	390 C	Eng	99			Furnished
281GGFJP-*5 (20)	360 C	Eng	126			Furnished	281GGFJP-*3 (20)	360 C	Eng	126			Furnished
281GGFJP-*8 (20)	360 C	Eng	117			Furnished	281GGFJP-*8 (20)	360 C	Eng	117			Furnished
281GKFJP-*5 (21)	340 C	Eng	140			Furnished	281GKFJP-*3 (21)	340 C	Eng	140			Furnished
281GMFJP-*5 (22)	318 C	Eng	157			Furnished	281GMFJP-*3 (22)	318 C	Eng	157			Furnished
281GMFJP-*8 (22)	318 C	Eng	145			Furnished	281GMFJP-*8 (22)	318 C	Eng	145			Furnished
281GPFJP-*5 (23)	290 C	Eng	175			Furnished	281GPFJP-*3 (23)	290 C	Eng	175			Furnished
281GPFJP-*8 (23)	290 C	Eng	162			Furnished	281GPFJP-*8 (23)	290 C	Eng	162			Furnished
281GSFJP-*5 (24)	265 C	Eng	196			Furnished	281GSFJP-*3 (24)	265 C	Eng	196			Furnished
281GSFJP-*8 (24)	265 C	Eng	180			Furnished	281GSFJP-*8 (24)	265 C	Eng	180			Furnished
281GTFJP-*8 (16)	230 C	Eng	211			Furnished	281GTFJP-*8 (16)	230 C	Eng	211			Furnished
871XAFJP-*5 (7)	670 C	Eng	100			Furnished	871XAFJP-*3 (7)	670 C	Eng	100			Furnished
871XBFJP-*5 (8)	632 C	Eng	106			Furnished	871XBFJP-*3 (8)	632 C	Eng	106			Furnished
871XCFJP-*5 (9)	588 C	Eng	114			Furnished	871XCFJP-*3 (9)	588 C	Eng	114			Furnished
871XDFJP-*5 (10)	554 C	Eng	121			Furnished	871XDFJP-*3 (10)	554 C	Eng	121			Furnished
871XEFJP-*5 (11)	486 C	Eng	138			Furnished	871XEFJP-*3 (11)	486 C	Eng	138			Furnished
871XFFJP-*5 (12)	429 C	Eng	156			Furnished	871XFFJP-*3 (12)	429 C	Eng	156			Furnished
871XGFJP-*5 (13)	379 C	Eng	177			Furnished	871XGFJP-*3 (13)	379 C	Eng	177			Furnished
871XHFPJP-*5 (14)	356 C	Eng	188			Furnished	871XHFPJP-*3 (14)	356 C	Eng	188			Furnished
871XJFJP-*5 (15)	334 C	Eng	200			Furnished	871XJFJP-*3 (15)	334 C	Eng	200			Furnished

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† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

(6) Input Gear Part No. 5-P-1428-10X
(7) Input Gear Part No. 5-P-1428-11X
(8) Input Gear Part No. 5-P-1428-12X
(9) Input Gear Part No. 5-P-1428-3X
(10) Input Gear Part No. 5-P-1428-4X
(11) Input Gear Part No. 5-P-1428-5X

(12) Input Gear Part No. 5-P-1428-6X
(13) Input Gear Part No. 5-P-1428-7X
(14) Input Gear Part No. 5-P-1428-8X
(15) Input Gear Part No. 5-P-1428-9X
(16) Input Gear Part No. 5-P-1491-10X
(17) Input Gear Part No. 5-P-1491-1X

(18) Input Gear Part No. 5-P-1491-2X
(19) Input Gear Part No. 5-P-1491-3X
(20) Input Gear Part No. 5-P-1491-4X
(21) Input Gear Part No. 5-P-1491-5X
(22) Input Gear Part No. 5-P-1491-6X
(23) Input Gear Part No. 5-P-1491-7X

(24) Input Gear Part No. 5-P-1491-8X

CHELSEA®

ALLISON

ALL-16EV

3000 EVS (Emergency Vehicles Only Top/Side PTO Provisions)
3500 EVS (Emergency Vehicles Only Top/Side PTO Provisions)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

871LAFJW-*5 (7)	670 C	Eng	100			Furnished	890TAFJW-*5 (7)	670 C	Eng	100			Furnished
871LBFJW-*5 (8)	632 C	Eng	106			Furnished	890TBFJW-*5 (8)	632 C	Eng	106			Furnished
871LCFJW-*5 (9)	588 C	Eng	114			Furnished	890TCFJW-*5 (9)	588 C	Eng	114			Furnished
871LDFJW-*5 (10)	554 C	Eng	121			Furnished	890TDFJW-*5 (10)	554 C	Eng	121			Furnished
871LEFJW-*5 (11)	486 C	Eng	138			Furnished	890TEFJW-*5 (11)	486 C	Eng	138			Furnished
871LFFJW-*5 (12)	429 C	Eng	156			Furnished	890TFFJW-*5 (12)	429 C	Eng	156			Furnished
871LGFJW-*5 (13)	378 C	Eng	177			Furnished	890TGFJW-*5 (13)	378 C	Eng	177			Furnished
871LHFJW-*5 (14)	356 C	Eng	188			Furnished	890THFJW-*5 (14)	356 C	Eng	188			Furnished
890EAFJW-*5 (7)	670 C	Eng	100			Furnished							
890EBFJW-*5 (8)	632 C	Eng	106			Furnished							
890ECFJW-*5 (9)	588 C	Eng	114			Furnished							
890EDFJW-*5 (10)	554 C	Eng	121			Furnished							
890EEFJW-*5 (11)	486 C	Eng	138			Furnished							
890EFFJW-*5 (12)	429 C	Eng	156			Furnished							
890EGFJW-*5 (13)	378 C	Eng	177			Furnished							
890EHFJW-*5 (14)	356 C	Eng	188			Furnished							

ONE SPEED - CONSTANT MESH EXTENDED SHAFT

878LAFJW-*5 (7)	670 C	Eng	100			Furnished	897TAFJW-*5 (7)	670 C	Eng	100			Furnished
878LBFJW-*5 (8)	632 C	Eng	106			Furnished	897TBFJW-*5 (8)	632 C	Eng	106			Furnished
878LCFJW-*5 (9)	588 C	Eng	114			Furnished	897TCFJW-*5 (9)	588 C	Eng	114			Furnished
878LDFJW-*5 (10)	554 C	Eng	121			Furnished	897TDFJW-*5 (10)	554 C	Eng	121			Furnished
878LEFJW-*5 (11)	486 C	Eng	138			Furnished	897TEFJW-*5 (11)	486 C	Eng	138			Furnished
878LFFJW-*5 (12)	429 C	Eng	156			Furnished	897TFFJW-*5 (12)	429 C	Eng	156			Furnished
878LGFJW-*5 (13)	378 C	Eng	177			Furnished	897TGFJW-*5 (13)	378 C	Eng	177			Furnished
878LHFJW-*5 (14)	356 C	Eng	188			Furnished	897THFJW-*5 (14)	356 C	Eng	188			Furnished
897EAFJW-*5 (7)	670 C	Eng	100			Furnished							
897EBFJW-*5 (8)	632 C	Eng	106			Furnished							
897ECFJW-*5 (9)	588 C	Eng	114			Furnished							
897EDFJW-*5 (10)	554 C	Eng	121			Furnished							
897EEFJW-*5 (11)	486 C	Eng	138			Furnished							
897EFFJW-*5 (12)	429 C	Eng	156			Furnished							
897EGFJW-*5 (13)	378 C	Eng	177			Furnished							
897EHFJW-*5 (14)	356 C	Eng	188			Furnished							

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† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

(7) Input Gear Part No. 5-P-1428-11X
(8) Input Gear Part No. 5-P-1428-12X
(9) Input Gear Part No. 5-P-1428-3X (10)
Input Gear Part No. 5-P-1428-4X (11)
Input Gear Part No. 5-P-1428-5X (12)
Input Gear Part No. 5-P-1428-6X

(13) Input Gear Part No. 5-P-1428-7X
(14) Input Gear Part No. 5-P-1428-8X

CHELSEA®

ALLISON

ALL-16R

3000 (3000 Family - Side/Top PTO Provision w/ Retarder)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH

267SBFJP-*5 (4)	402 I	Eng	88			Furnished	267SBFJP-*3 (4)	402 I	Eng	88			Furnished
267SDFJP-*5 (3)	390 I	Eng	106			Furnished	267SDFJP-*3 (3)	390 I	Eng	106			Furnished
267SGFJP-*5 (2)	360 I	Eng	126			Furnished	267SGFJP-*3 (2)	360 I	Eng	126			Furnished
267SMFJP-*5 (5)	309 I	Eng	157			Furnished	267SMFJP-*3 (5)	309 I	Eng	157			Furnished
267SSFJP-*5 (1)	247 I	Eng	196			Furnished	267SSFJP-*3 (1)	247 I	Eng	196			Furnished
267XBFJP-*5 (25)	335 I	Eng	88			Furnished	267XBFJP-*3 (25)	335 I	Eng	88			Furnished
267XDFJP-*5 (26)	325 I	Eng	106			Furnished	267XDFJP-*3 (26)	325 I	Eng	106			Furnished
267XGFJP-*5 (27)	300 I	Eng	126			Furnished	267XGFJP-*3 (27)	300 I	Eng	126			Furnished
267XMFJP-*5 (28)	265 I	Eng	157			Furnished	267XMFJP-*3 (28)	265 I	Eng	157			Furnished
267XSFJP-*5 (1)	247 I	Eng	196			Furnished	267XSFJP-*3 (1)	247 I	Eng	196			Furnished
288GBFJP-*5 (17)	300 C	Eng	73			Furnished	288GBFJP-*3 (17)	300 C	Eng	73			Furnished
288GBFJP-*8 (17)	300 C	Eng	69			Furnished	288GBFJP-*3 (17)	300 C	Eng	69			Furnished
288GCFJP-*5 (18)	390 C	Eng	88			Furnished	288GCFJP-*3 (18)	390 C	Eng	88			Furnished
288GCFJP-*8 (18)	390 C	Eng	83			Furnished	288GCFJP-*3 (18)	390 C	Eng	83			Furnished
288GDFJP-*5 (19)	390 C	Eng	87			Furnished	288GDFJP-*3 (19)	390 C	Eng	87			Furnished
288GDFJP-*8 (19)	390 C	Eng	99			Furnished	288GDFJP-*3 (19)	390 C	Eng	99			Furnished
288GGFJP-*5 (20)	360 C	Eng	126			Furnished	288GGFJP-*3 (20)	360 C	Eng	126			Furnished
288GGFJP-*8 (20)	360 C	Eng	117			Furnished	288GGFJP-*3 (20)	360 C	Eng	117			Furnished
288GKFJP-*5 (21)	340 C	Eng	140			Furnished	288GKFJP-*3 (21)	340 C	Eng	140			Furnished
288GMFJP-*5 (22)	309 C	Eng	157			Furnished	288GMFJP-*3 (22)	309 C	Eng	157			Furnished
288GMFJP-*8 (22)	318 C	Eng	145			Furnished	288GMFJP-*3 (22)	318 C	Eng	145			Furnished
288GPFJP-*5 (23)	275 C	Eng	175			Furnished	288GPFJP-*3 (23)	275 C	Eng	175			Furnished
288GPFJP-*8 (23)	290 C	Eng	162			Furnished	288GPFJP-*3 (23)	290 C	Eng	162			Furnished
288GSFJP-*5 (24)	247 C	Eng	196			Furnished	288GSFJP-*3 (24)	247 C	Eng	196			Furnished
288GSFJP-*8 (24)	265 C	Eng	180			Furnished	288GSFJP-*3 (24)	265 C	Eng	180			Furnished
288GTFJP-*8 (16)	230 C	Eng	211			Furnished	288GTFJP-*3 (16)	230 C	Eng	211			Furnished
878XAFJP-*5 (7)	485 C	Eng	100			Furnished	878XAFJP-*3 (7)	485 C	Eng	100			Furnished
878XBFJP-*5 (8)	458 C	Eng	106			Furnished	878XBFJP-*3 (8)	458 C	Eng	106			Furnished
878XCFJP-*5 (9)	425 C	Eng	114			Furnished	878XCFJP-*3 (9)	425 C	Eng	114			Furnished
878XDFJP-*5 (10)	401 C	Eng	121			Furnished	878XDFJP-*3 (10)	401 C	Eng	121			Furnished
878XEFJP-*5 (11)	351 C	Eng	138			Furnished	878XEFJP-*3 (11)	351 C	Eng	138			Furnished
878XFFJP-*5 (12)	311 C	Eng	158			Furnished	878XFFJP-*3 (12)	311 C	Eng	158			Furnished
878XGFJP-*5 (13)	274 C	Eng	177			Furnished	878XGFJP-*3 (13)	274 C	Eng	177			Furnished
878XHFJP-*5 (14)	258 C	Eng	188			Furnished	878XHFJP-*3 (14)	258 C	Eng	188			Furnished
878XJFJP-*5 (15)	242 C	Eng	200			Furnished	878XJFJP-*3 (15)	242 C	Eng	200			Furnished
878XKFJP-*5 (6)	292 C	Eng	166			Furnished	878XKFJP-*3 (6)	292 C	Eng	166			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

- (1) Input Gear Part No. 5-P-1173
(2) Input Gear Part No. 5-P-1225
(3) Input Gear Part No. 5-P-1293
(4) Input Gear Part No. 5-P-1350
(5) Input Gear Part No. 5-P-1351
(7) Input Gear Part No. 5-P-1428-11X

- (8) Input Gear Part No. 5-P-1428-12X (9)
Input Gear Part No. 5-P-1428-3X (10)
Input Gear Part No. 5-P-1428-4X (11)
Input Gear Part No. 5-P-1428-5X (12)
Input Gear Part No. 5-P-1428-6X (16)
Input Gear Part No. 5-P-1491-10X

- (17) Input Gear Part No. 5-P-1491-1X
(18) Input Gear Part No. 5-P-1491-2X
(19) Input Gear Part No. 5-P-1491-3X
(20) Input Gear Part No. 5-P-1491-4X
(21) Input Gear Part No. 5-P-1491-5X
(22) Input Gear Part No. 5-P-1491-6X

- (23) Input Gear Part No. 5-P-1491-7X
(24) Input Gear Part No. 5-P-1491-8X
(25) Input Gear Part No. 5-P-912
(26) Input Gear Part No. 5-P-913
(27) Input Gear Part No. 5-P-914
(28) Input Gear Part No. 5-P-915

CHELSEA®

ALLISON

ALL-16R

3000 (3000 Family - Side/Top PTO Provision w/ Retarder)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (17)	300 C	Eng	73			Furnished	281GBFJP-*3 (17)	300 C	Eng	73			Furnished
281GBFJP-*8 (17)	300 C	Eng	69			Furnished	281GBFJP-*8 (17)	300 C	Eng	69			Furnished
281GCFJP-*5 (18)	390 C	Eng	88			Furnished	281GCFJP-*3 (18)	390 C	Eng	88			Furnished
281GCFJP-*8 (18)	390 C	Eng	83			Furnished	281GCFJP-*8 (18)	390 C	Eng	83			Furnished
281GDFJP-*5 (19)	390 C	Eng	106			Furnished	281GDFJP-*3 (19)	390 C	Eng	106			Furnished
281GDFJP-*8 (19)	390 C	Eng	99			Furnished	281GDFJP-*8 (19)	390 C	Eng	99			Furnished
281GGFJP-*5 (20)	360 C	Eng	126			Furnished	281GGFJP-*3 (20)	360 C	Eng	126			Furnished
281GGFJP-*8 (20)	360 C	Eng	117			Furnished	281GGFJP-*8 (20)	360 C	Eng	117			Furnished
281GKFJP-*5 (21)	340 C	Eng	140			Furnished	281GKFJP-*3 (21)	340 C	Eng	140			Furnished
281GMFJP-*5 (22)	309 C	Eng	157			Furnished	281GMFJP-*3 (22)	309 C	Eng	157			Furnished
281GMFJP-*8 (22)	318 C	Eng	145			Furnished	281GMFJP-*8 (22)	318 C	Eng	145			Furnished
281GPFJP-*5 (23)	275 C	Eng	175			Furnished	281GPFJP-*3 (23)	275 C	Eng	175			Furnished
281GPFJP-*8 (23)	290 C	Eng	162			Furnished	281GPFJP-*8 (23)	290 C	Eng	162			Furnished
281GSFJP-*5 (24)	247 C	Eng	196			Furnished	281GSFJP-*3 (24)	247 C	Eng	196			Furnished
281GSFJP-*8 (24)	265 C	Eng	180			Furnished	281GSFJP-*8 (24)	265 C	Eng	180			Furnished
871XAFJP-*5 (7)	485 C	Eng	100			Furnished	871XAFJP-*3 (7)	485 C	Eng	100			Furnished
871XBFJP-*5 (8)	458 C	Eng	106			Furnished	871XBFJP-*3 (8)	458 C	Eng	106			Furnished
871XCFJP-*5 (9)	425 C	Eng	114			Furnished	871XCFJP-*3 (9)	425 C	Eng	114			Furnished
871XDFJP-*5 (10)	401 C	Eng	121			Furnished	871XDFJP-*3 (10)	401 C	Eng	121			Furnished
871XEFJP-*5 (11)	351 C	Eng	138			Furnished	871XEFJP-*3 (11)	351 C	Eng	138			Furnished
871XFFJP-*5 (12)	311 C	Eng	156			Furnished	871XFFJP-*3 (12)	311 C	Eng	156			Furnished
871XGFJP-*5 (13)	274 C	Eng	177			Furnished	871XGFJP-*3 (13)	274 C	Eng	177			Furnished
871XHFPJP-*5 (14)	258 C	Eng	188			Furnished	871XHFPJP-*3 (14)	258 C	Eng	188			Furnished
871XJFJP-*5 (15)	242 C	Eng	200			Furnished	871XJFJP-*3 (15)	242 C	Eng	200			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(6) Input Gear Part No. 5-P-1428-10X
(7) Input Gear Part No. 5-P-1428-11X
(8) Input Gear Part No. 5-P-1428-12X
(9) Input Gear Part No. 5-P-1428-3X
(10) Input Gear Part No. 5-P-1428-4X
(11) Input Gear Part No. 5-P-1428-5X

(12) Input Gear Part No. 5-P-1428-6X
(13) Input Gear Part No. 5-P-1428-7X
(14) Input Gear Part No. 5-P-1428-8X
(15) Input Gear Part No. 5-P-1428-9X
(17) Input Gear Part No. 5-P-1491-1X
(18) Input Gear Part No. 5-P-1491-2X

(19) Input Gear Part No. 5-P-1491-3X
(20) Input Gear Part No. 5-P-1491-4X
(21) Input Gear Part No. 5-P-1491-5X
(22) Input Gear Part No. 5-P-1491-6X
(23) Input Gear Part No. 5-P-1491-7X
(24) Input Gear Part No. 5-P-1491-8X

CHELSEA®

ALLISON

ALL-16R

3000 (3000 Family - Side/Top PTO Provision w/ Retarder)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
83 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

871LAFJW-*5 (7)	485 C	Eng	100			Furnished
871LBFJW-*5 (8)	458 C	Eng	106			Furnished
871LCFJW-*5 (9)	425 C	Eng	114			Furnished
871LDFJW-*5 (10)	401 C	Eng	121			Furnished
871LEFJW-*5 (11)	351 C	Eng	138			Furnished
871LFFJW-*5 (12)	311 C	Eng	156			Furnished
871LGFJW-*5 (13)	274 C	Eng	177			Furnished
871LHFJW-*5 (14)	258 C	Eng	188			Furnished
890FAFJW-*5 (7)	485 C	Eng	100			Furnished
890FBFJW-*5 (8)	458 C	Eng	106			Furnished
890FCFJW-*5 (9)	425 C	Eng	114			Furnished
890FDFJW-*5 (10)	401 C	Eng	121			Furnished
890FEFJW-*5 (11)	351 C	Eng	138			Furnished
890FFFJW-*5 (12)	311 C	Eng	156			Furnished
890FGFJW-*5 (13)	274 C	Eng	177			Furnished
890FHFJW-*5 (14)	258 C	Eng	188			Furnished

ONE SPEED - CONSTANT MESH EXTENDED SHAFT

878LAFJW-*5 (7)	485 C	Eng	100			Furnished
878LBFJW-*5 (8)	458 C	Eng	106			Furnished
878LCFJW-*5 (9)	425 C	Eng	114			Furnished
878LDFJW-*5 (10)	401 C	Eng	121			Furnished
878LEFJW-*5 (11)	351 C	Eng	138			Furnished
878LFFJW-*5 (12)	311 C	Eng	156			Furnished
878LGFJW-*5 (13)	274 C	Eng	177			Furnished
878LHFJW-*5 (14)	258 C	Eng	188			Furnished
897FAFJW-*5 (7)	485 C	Eng	100			Furnished
897FBFJW-*5 (8)	458 C	Eng	106			Furnished
897FCFJW-*5 (9)	425 C	Eng	114			Furnished
897FDFJW-*5 (10)	401 C	Eng	121			Furnished
897FEFJW-*5 (11)	351 C	Eng	138			Furnished
897FFFJW-*5 (12)	311 C	Eng	156			Furnished
897FGFJW-*5 (13)	274 C	Eng	177			Furnished
897FHFJW-*5 (14)	258 C	Eng	188			Furnished

See next page for more pump options.

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(7) Input Gear Part No. 5-P-1428-11X
(8) Input Gear Part No. 5-P-1428-12X
(9) Input Gear Part No. 5-P-1428-3X
(10) Input Gear Part No. 5-P-1428-4X
(11) Input Gear Part No. 5-P-1428-5X
(12) Input Gear Part No. 5-P-1428-6X

(13) Input Gear Part No. 5-P-1428-7X
(14) Input Gear Part No. 5-P-1428-8X

CHELSEA®

ALLISON

ALL-17

1000 (GM 3600 Cab-Chassis)

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.S. 06-BOLT Opening Gear FORWARD of Centerline
64 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0080" (25.6032 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

252GDHVX-*5 (1)	120 I	Eng	122	Furnished
252GMHVX-*5 (2)	50 I	Eng	178	Furnished

Pump Option Charts

252 Pumps offered in the PGP511 (5/8" - 9T / SAE A Flange – XE Output)

Option Order Code	Chelsea Pump Model	Displacement in³/rev	Displacement Gal/rev	Max Pressure PSI	Max Speed RPM	Shaft Size	Porting	
							Inlet	Outlet
1116	CGP-P11C016-1AC	0.37	0.002	3988	3500	5/8" - 9T	SAE12	SAE10
1121	CGP-P11C021-1AC	0.49	0.003	3988	4000	5/8" - 9T	SAE12	SAE10
1126	CGP-P11C026-1AC	0.61	0.003	3988	3600	5/8" - 9T	SAE12	SAE10
1129	CGP-P11C029-1AC	0.67	0.003	3988	3600	5/8" - 9T	SAE12	SAE10
1137	CGP-P11C037-1AC	0.85	0.004	3988	3300	5/8" - 9T	SAE12	SAE10
1449	CGP-P31C054-1AE	1.24	0.005	3500	3000	5/8" - 9T	SAE16	SAE10
1462	CGP-P31C061-1AE	1.40	0.006	3500	3000	5/8" - 9T	SAE16	SAE10

252 Pumps offered in the PGP511 (3/4" - 11T / SAE A Flange – AD Output)

Option Order Code	Chelsea Pump Model	Displacement in³/rev	Displacement Gal/rev	Max Pressure PSI	Max Speed RPM	Shaft Size	Porting	
							Inlet	Outlet
P37	CGP-P11C037-5AC	0.85	0.004	3988	3300	3/4" - 11T	SAE12	SAE10
P42	CGP-P11C042-5AC	0.98	0.004	3988	3000	3/4" - 11T	SAE12	SAE10
P55	CGP-P11C055-5AC	1.28	0.006	3408	2800	3/4" - 11T	SAE12	SAE10
P71	CGP-P11C071-5AC	1.65	0.007	2900	2400	3/4" - 11T	SAE12	SAE10
P82	CGP-P11C082-5AC	1.89	0.008	2465	2300	3/4" - 11T	SAE12	SAE10

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: The "PTO Enable" circuit signals the Transmission Control Module (TCM) to maintain line pressure to the PTO. Failure to provide this signal will activate the Variable Modulated Main Pressure and line pressure may not be sufficient to the PTO. This may cause damage to the PTO and/or Transmission.

(1) Input Gear Part No. 5-P-1294
(2) Input Gear Part No. 5-P-1386

CHELSEA®

ALLISON

ALL-18

3700
3700 SP
MD-3070P (Close Ratio)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

TRANSMISSION GEAR DATA:

R.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH

267SBFJP-*5 (4)	402 I	Eng	72			Furnished	267SBFJP-*3 (4)	402 I	Eng	72			Furnished
267SDFJP-*5 (3)	390 I	Eng	87			Furnished	267SDFJP-*3 (3)	390 I	Eng	87			Furnished
267SGFJP-*5 (2)	360 I	Eng	103			Furnished	267SGFJP-*3 (2)	360 I	Eng	103			Furnished
267SMFJP-*5 (5)	318 I	Eng	129			Furnished	267SMFJP-*3 (5)	318 I	Eng	129			Furnished
267SSFJP-*5 (1)	265 I	Eng	161			Furnished	267SSFJP-*3 (1)	265 I	Eng	161			Furnished
267XBFJP-*5 (25)	335 I	Eng	72			Furnished	267XBFJP-*3 (25)	335 I	Eng	72			Furnished
267XDFJP-*5 (26)	325 I	Eng	87			Furnished	267XDFJP-*3 (26)	325 I	Eng	87			Furnished
267XGFJP-*5 (27)	300 I	Eng	103			Furnished	267XGFJP-*3 (27)	300 I	Eng	103			Furnished
267XMFJP-*5 (28)	265 I	Eng	129			Furnished	267XMFJP-*3 (28)	265 I	Eng	129			Furnished
267XSFJP-*5 (1)	250 I	Eng	161			Furnished	267XSFJP-*3 (1)	250 I	Eng	161			Furnished
288GBFJP-*5 (16)	300 C	Eng	60			Furnished	288GBFJP-*3 (16)	300 C	Eng	60			Furnished
288GBFJP-*8 (16)	300 C	Eng	56			Furnished	288GBFJP-*8 (16)	300 C	Eng	56			Furnished
288GCFJP-*5 (17)	390 C	Eng	72			Furnished	288GCFJP-*3 (17)	390 C	Eng	72			Furnished
288GCFJP-*8 (17)	390 C	Eng	68			Furnished	288GCFJP-*8 (17)	390 C	Eng	68			Furnished
288GDFJP-*5 (18)	390 C	Eng	87			Furnished	288GDFJP-*3 (18)	390 C	Eng	87			Furnished
288GDFJP-*8 (18)	390 C	Eng	81			Furnished	288GDFJP-*8 (18)	390 C	Eng	81			Furnished
288GGFJP-*5 (19)	360 C	Eng	103			Furnished	288GGFJP-*3 (19)	360 C	Eng	103			Furnished
288GGFJP-*8 (19)	360 C	Eng	96			Furnished	288GGFJP-*8 (19)	360 C	Eng	96			Furnished
288GKFJP-*5 (20)	340 C	Eng	115			Furnished	288GKFJP-*3 (20)	340 C	Eng	115			Furnished
288GMFJP-*5 (21)	318 C	Eng	129			Furnished	288GMFJP-*3 (21)	318 C	Eng	129			Furnished
288GMFJP-*8 (21)	318 C	Eng	119			Furnished	288GMFJP-*8 (21)	318 C	Eng	119			Furnished
288GPFJP-*5 (22)	290 C	Eng	144			Furnished	288GPFJP-*3 (22)	290 C	Eng	144			Furnished
288GPFJP-*8 (22)	290 C	Eng	132			Furnished	288GPFJP-*8 (22)	290 C	Eng	132			Furnished
288GSFJP-*5 (23)	265 C	Eng	161			Furnished	288GSFJP-*3 (23)	265 C	Eng	161			Furnished
288GSFJP-*8 (23)	265 C	Eng	147			Furnished	288GSFJP-*8 (23)	265 C	Eng	147			Furnished
288GTFJP-*5 (24)	240 C	Eng	180			Furnished	288GTFJP-*3 (24)	240 C	Eng	180			Furnished
288GTFJP-*8 (15)	240 C	Eng	173			Furnished	288GTFJP-*8 (15)	240 C	Eng	173			Furnished
878XAFJP-*5 (6)	591 C	Eng	82			Furnished	878XAFJP-*3 (6)	591 C	Eng	82			Furnished
878XBFJP-*5 (7)	557 C	Eng	87			Furnished	878XBFJP-*3 (7)	557 C	Eng	87			Furnished
878XCFJP-*5 (8)	522 C	Eng	93			Furnished	878XCFJP-*3 (8)	522 C	Eng	93			Furnished
878XDFJP-*5 (9)	490 C	Eng	99			Furnished	878XDFJP-*3 (9)	490 C	Eng	99			Furnished
878XEFJP-*5 (10)	429 C	Eng	113			Furnished	878XEFJP-*3 (10)	429 C	Eng	113			Furnished
878XFFJP-*5 (11)	379 C	Eng	128			Furnished	878XFFJP-*3 (11)	379 C	Eng	128			Furnished
878XGFJP-*5 (12)	334 C	Eng	145			Furnished	878XGFJP-*3 (12)	334 C	Eng	145			Furnished
878XHFJP-*5 (13)	315 C	Eng	154			Furnished	878XHFJP-*3 (13)	315 C	Eng	154			Furnished
878XJFJP-*5 (14)	295 C	Eng	164			Furnished	878XHFJP-*3 (13)	295 C	Eng	164			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

- (1) Input Gear Part No. 5-P-1173
(2) Input Gear Part No. 5-P-1225
(3) Input Gear Part No. 5-P-1293
(4) Input Gear Part No. 5-P-1350
(5) Input Gear Part No. 5-P-1351
(6) Input Gear Part No. 5-P-1428-11X

- (7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(15) Input Gear Part No. 5-P-1491-10X
(16) Input Gear Part No. 5-P-1491-1X

- (17) Input Gear Part No. 5-P-1491-2X
(18) Input Gear Part No. 5-P-1491-3X
(19) Input Gear Part No. 5-P-1491-4X
(20) Input Gear Part No. 5-P-1491-5X
(21) Input Gear Part No. 5-P-1491-6X
(22) Input Gear Part No. 5-P-1491-7X

- (23) Input Gear Part No. 5-P-1491-8X
(24) Input Gear Part No. 5-P-1491-9X
(25) Input Gear Part No. 5-P-912
(26) Input Gear Part No. 5-P-913
(27) Input Gear Part No. 5-P-914
(28) Input Gear Part No. 5-P-915

CHELSEA®

ALLISON

ALL-18

3700
3700 SP
MD-3070P (Close Ratio)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.S. 10-BOLT Opening Gear FORWARD of Centerline
68 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7800" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (16)	300 C	Eng	60			Furnished	281GBFJP-*3 (16)	300 C	Eng	60			Furnished
281GBFJP-*8 (16)	300 C	Eng	56			Furnished	281GBFJP-*8 (16)	300 C	Eng	56			Furnished
281GCFJP-*5 (17)	390 C	Eng	72			Furnished	281GCFJP-*3 (17)	390 C	Eng	72			Furnished
281GCFJP-*8 (17)	390 C	Eng	68			Furnished	281GCFJP-*8 (17)	390 C	Eng	68			Furnished
281GDFJP-*5 (18)	390 C	Eng	87			Furnished	281GDFJP-*3 (18)	390 C	Eng	87			Furnished
281GDFJP-*8 (18)	390 C	Eng	81			Furnished	281GDFJP-*8 (18)	390 C	Eng	81			Furnished
281GGFJP-*5 (19)	360 C	Eng	103			Furnished	281GGFJP-*3 (19)	360 C	Eng	103			Furnished
281GGFJP-*8 (19)	360 C	Eng	96			Furnished	281GGFJP-*8 (19)	360 C	Eng	96			Furnished
281GKFJP-*5 (20)	340 C	Eng	115			Furnished	281GKFJP-*3 (20)	340 C	Eng	115			Furnished
281GMFJP-*5 (21)	318 C	Eng	129			Furnished	281GMFJP-*3 (21)	318 C	Eng	129			Furnished
281GMFJP-*8 (21)	318 C	Eng	119			Furnished	281GMFJP-*8 (21)	318 C	Eng	119			Furnished
281GPFJP-*5 (22)	290 C	Eng	144			Furnished	281GPFJP-*3 (22)	290 C	Eng	144			Furnished
281GPFJP-*8 (22)	290 C	Eng	132			Furnished	281GPFJP-*8 (22)	290 C	Eng	132			Furnished
281GSFJP-*5 (23)	265 C	Eng	161			Furnished	281GSFJP-*3 (23)	265 C	Eng	161			Furnished
281GSFJP-*8 (23)	265 C	Eng	147			Furnished	281GSFJP-*8 (23)	265 C	Eng	147			Furnished
281GTFJP-*5 (24)	240 C	Eng	180			Furnished	281GTFJP-*3 (24)	240 C	Eng	180			Furnished
281GTFJP-*8 (15)	240 C	Eng	173			Furnished	281GTFJP-*8 (15)	240 C	Eng	173			Furnished
871XAFJP-*5 (6)	591 C	Eng	82			Furnished	871XAFJP-*3 (6)	591 C	Eng	82			Furnished
871XBFJP-*5 (7)	557 C	Eng	87			Furnished	871XBFJP-*3 (7)	557 C	Eng	87			Furnished
871XCFJP-*5 (8)	522 C	Eng	93			Furnished	871XCFJP-*3 (8)	522 C	Eng	93			Furnished
871XDFJP-*5 (9)	490 C	Eng	99			Furnished	871XDFJP-*3 (9)	490 C	Eng	99			Furnished
871XEFJP-*5 (10)	429 C	Eng	113			Furnished	871XEFJP-*3 (10)	429 C	Eng	113			Furnished
871XFFJP-*5 (11)	379 C	Eng	128			Furnished	871XFFJP-*3 (11)	379 C	Eng	128			Furnished
871XGFJP-*5 (12)	334 C	Eng	145			Furnished	871XGFJP-*3 (12)	334 C	Eng	145			Furnished
871XHFJP-*5 (13)	315 C	Eng	154			Furnished	871XHFJP-*3 (13)	315 C	Eng	154			Furnished
871XJFJP-*5 (14)	295 C	Eng	164			Furnished	871XJFJP-*3 (14)	295 C	Eng	164			Furnished

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† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(6) Input Gear Part No. 5-P-1428-11X
(7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1428-7X
(13) Input Gear Part No. 5-P-1428-8X
(14) Input Gear Part No. 5-P-1428-9X
(15) Input Gear Part No. 5-P-1491-10X
(16) Input Gear Part No. 5-P-1491-1X
(17) Input Gear Part No. 5-P-1491-2X

(18) Input Gear Part No. 5-P-1491-3X
(19) Input Gear Part No. 5-P-1491-4X
(20) Input Gear Part No. 5-P-1491-5X
(21) Input Gear Part No. 5-P-1491-6X
(22) Input Gear Part No. 5-P-1491-7X
(23) Input Gear Part No. 5-P-1491-8X

(24) Input Gear Part No. 5-P-1491-9X

CHELSEA®

ALLISON

ALL-19

4700 4700 EVS 4700 OFS 4700 RDS 4700 SP 4800 4800 EVS 4800 SP	4850 EVS
LEFT SIDE ONLY	
TRANSMISSION GEAR DATA: L.S. 10-BOLT Opening Gear FORWARD of Centerline 97 Teeth - L.H. HELIX PITCH LINE TO APERTURE FACE: 1.7799" (45.2100 mm)	
TOP SIDE ONLY	
TRANSMISSION GEAR DATA: TOP 10-BOLT Opening Gear FORWARD of Centerline 97 Teeth - L.H. HELIX PITCH LINE TO APERTURE FACE: 1.7799" (45.2100 mm)	

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
ONE SPEED - CONSTANT MESH													
267SBFJP-*5 (4)	402 I	Eng	103			Furnished	267SBFJP-*3 (4)	402 I	Eng	103			Furnished
267SDFJP-*5 (3)	390 I	Eng	123			Furnished	267SDFJP-*3 (4)	390 I	Eng	123			Furnished
267SGFJP-*5 (2)	360 I	Eng	147			Furnished	267SGFJP-*3 (2)	360 I	Eng	147			Furnished
267SMFJP-*5 (5)	318 I	Eng	184			Furnished	267SMFJP-*3 (5)	318 I	Eng	184			Furnished
267SSFJP-*5 (1)	265 I	Eng	229			Furnished	267SSFJP-*3 (1)	265 I	Eng	229			Furnished
267XBFJP-*5 (20)	335 I	Eng	103			Furnished	267XBFJP-*3 (20)	335 I	Eng	103			Furnished
267XDFJP-*5 (21)	325 I	Eng	123			Furnished	267XDFJP-*3 (21)	325 I	Eng	123			Furnished
267XGFJP-*5 (22)	300 I	Eng	147			Furnished	267XGFJP-*3 (22)	300 I	Eng	147			Furnished
267XMFJP-*5 (23)	265 I	Eng	184			Furnished	267XMFJP-*3 (23)	265 I	Eng	184			Furnished
267XSFJP-*5 (1)	250 I	Eng	229			Furnished	267XSFJP-*3 (1)	250 I	Eng	229			Furnished
288GBFJP-*5 (12)	300 C	Eng	85			Furnished	288GBFJP-*3 (12)	300 C	Eng	85			Furnished
288GBFJP-*8 (12)	300 C	Eng	81			Furnished	288GBFJP-*8 (12)	300 C	Eng	81			Furnished
288GCFJP-*5 (13)	390 C	Eng	103			Furnished	288GCFJP-*3 (13)	390 C	Eng	103			Furnished
288GCFJP-*8 (13)	390 C	Eng	97			Furnished	288GCFJP-*8 (13)	390 C	Eng	97			Furnished
288GDFJP-*5 (14)	390 C	Eng	123			Furnished	288GDFJP-*3 (14)	390 C	Eng	123			Furnished
288GDFJP-*8 (14)	390 C	Eng	116			Furnished	288GDFJP-*8 (14)	390 C	Eng	116			Furnished
288GGFJP-*5 (15)	360 C	Eng	147			Furnished	288GGFJP-*3 (15)	360 C	Eng	147			Furnished
288GGFJP-*8 (15)	360 C	Eng	137			Furnished	288GGFJP-*8 (15)	360 C	Eng	137			Furnished
288GKFJP-*5 (16)	340 C	Eng	164			Furnished	288GKFJP-*3 (16)	340 C	Eng	164			Furnished
288GMFJP-*5 (17)	318 C	Eng	184			Furnished	288GMFJP-*3 (17)	318 C	Eng	184			Furnished
288GMFJP-*8 (17)	318 C	Eng	170			Furnished	288GMFJP-*8 (17)	318 C	Eng	170			Furnished
288GPFJP-*5 (18)	290 C	Eng	205			Furnished	288GPFJP-*3 (18)	290 C	Eng	205			Furnished
288GPFJP-*8 (18)	290 C	Eng	189			Furnished	288GPFJP-*8 (18)	290 C	Eng	189			Furnished
288GSFJP-*5 (19)	265 C	Eng	229			Furnished	288GSFJP-*3 (19)	265 C	Eng	229			Furnished
288GSFJP-*8 (19)	265 C	Eng	210			Furnished	288GSFJP-*8 (19)	265 C	Eng	210			Furnished
878XAFJP-*5 (6)	591 C	Eng	116			Furnished	878XAFJP-*3 (6)	591 C	Eng	116			Furnished
878XBFJP-*5 (7)	552 C	Eng	124			Furnished	878XBFJP-*3 (7)	552 C	Eng	124			Furnished
878XCFJP-*5 (8)	515 C	Eng	133			Furnished	878XCFJP-*3 (8)	515 C	Eng	133			Furnished
878XDFJP-*5 (9)	482 C	Eng	142			Furnished	878XDFJP-*3 (9)	482 C	Eng	142			Furnished
878XEFJP-*5 (10)	425 C	Eng	161			Furnished	878XEFJP-*3 (10)	425 C	Eng	161			Furnished
878XFFJP-*5 (11)	376 C	Eng	182			Furnished	878XFFJP-*3 (11)	376 C	Eng	182			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

- (1) Input Gear Part No. 5-P-1173
(2) Input Gear Part No. 5-P-1225
(3) Input Gear Part No. 5-P-1293
(4) Input Gear Part No. 5-P-1350
(5) Input Gear Part No. 5-P-1351
(6) Input Gear Part No. 5-P-1428-11X

- (7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(11) Input Gear Part No. 5-P-1428-6X
(12) Input Gear Part No. 5-P-1491-1X

- (13) Input Gear Part No. 5-P-1491-2X
(14) Input Gear Part No. 5-P-1491-3X
(15) Input Gear Part No. 5-P-1491-4X
(16) Input Gear Part No. 5-P-1491-5X
(17) Input Gear Part No. 5-P-1491-6X
(18) Input Gear Part No. 5-P-1491-7X

- (19) Input Gear Part No. 5-P-1491-8X
(20) Input Gear Part No. 5-P-912
(21) Input Gear Part No. 5-P-913
(22) Input Gear Part No. 5-P-914
(23) Input Gear Part No. 5-P-915

CHELSEA®

ALLISON

ALL-19

4700 4700 EVS 4700 OFS 4700 RDS 4700 SP 4800 4800 EVS 4800 SP	4850 EVS
LEFT SIDE ONLY	TOP SIDE ONLY
TRANSMISSION GEAR DATA: L.S. 10-BOLT Opening Gear FORWARD of Centerline 97 Teeth - L.H. HELIX PITCH LINE TO APERTURE FACE: 1.7799" (45.2100 mm)	TRANSMISSION GEAR DATA: TOP 10-BOLT Opening Gear FORWARD of Centerline 97 Teeth - L.H. HELIX PITCH LINE TO APERTURE FACE: 1.7799" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (12)	300 C	Eng	85			Furnished	281GBFJP-*5 (12)	300 C	Eng	85			Furnished
281GBFJP-*8 (12)	300 C	Eng	81			Furnished	281GBFJP-*8 (12)	300 C	Eng	81			Furnished
281GCFJP-*5 (13)	390 C	Eng	103			Furnished	281GCFJP-*5 (13)	390 C	Eng	103			Furnished
281GCFJP-*8 (13)	390 C	Eng	97			Furnished	281GCFJP-*8 (13)	390 C	Eng	97			Furnished
281GDFJP-*5 (14)	390 C	Eng	123			Furnished	281GDFJP-*5 (14)	390 C	Eng	123			Furnished
281GDFJP-*8 (14)	390 C	Eng	116			Furnished	281GDFJP-*8 (14)	390 C	Eng	116			Furnished
281GGFJP-*5 (15)	360 C	Eng	147			Furnished	281GGFJP-*5 (15)	360 C	Eng	147			Furnished
281GGFJP-*8 (15)	360 C	Eng	137			Furnished	281GGFJP-*8 (15)	360 C	Eng	137			Furnished
281GKFJP-*5 (16)	340 C	Eng	164			Furnished	281GKFJP-*5 (16)	340 C	Eng	164			Furnished
281GMFJP-*5 (17)	318 C	Eng	184			Furnished	281GMFJP-*5 (17)	318 C	Eng	184			Furnished
281GMFJP-*8 (17)	318 C	Eng	170			Furnished	281GMFJP-*8 (17)	318 C	Eng	170			Furnished
281GPFJP-*5 (18)	290 C	Eng	205			Furnished	281GPFJP-*5 (18)	290 C	Eng	205			Furnished
281GPFJP-*8 (18)	290 C	Eng	189			Furnished	281GPFJP-*8 (18)	290 C	Eng	189			Furnished
281GSFJP-*5 (19)	265 C	Eng	229			Furnished	281GSFJP-*5 (19)	265 C	Eng	229			Furnished
281GSFJP-*8 (19)	265 C	Eng	210			Furnished	281GSFJP-*8 (19)	265 C	Eng	210			Furnished
871XAFJP-*5 (6)	591 C	Eng	116			Furnished	871XAFJP-*3 (6)	591 C	Eng	116			Furnished
871XBFJP-*5 (7)	552 C	Eng	124			Furnished	871XBFJP-*3 (7)	552 C	Eng	124			Furnished
871XCFJP-*5 (8)	515 C	Eng	133			Furnished	871XCFJP-*3 (8)	515 C	Eng	133			Furnished
871XDFJP-*5 (9)	482 C	Eng	142			Furnished	871XDFJP-*3 (9)	482 C	Eng	142			Furnished
871XEFJP-*5 (10)	425 C	Eng	161			Furnished	871XEFJP-*3 (10)	425 C	Eng	161			Furnished
871XFFJP-*5 (11)	376 C	Eng	182			Furnished	871XFFJP-*3 (11)	376 C	Eng	182			Furnished

ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

892HAFJW-*5 (6)	591 C	Eng	116			Furnished	892UAFJW-*5 (6)	591 C	Eng	116			Furnished
892HBFJW-*5 (7)	552 C	Eng	124			Furnished	892UBFJW-*5 (7)	552 C	Eng	124			Furnished
892HCFJW-*5 (8)	515 C	Eng	133			Furnished	892UCFJW-*5 (8)	515 C	Eng	133			Furnished
892HDFJW-*5 (9)	482 C	Eng	142			Furnished	892UDFJW-*5 (9)	482 C	Eng	142			Furnished
892HEFJW-*5 (10)	425 C	Eng	161			Furnished	892UEFJW-*5 (10)	425 C	Eng	161			Furnished
892HFFJW-*5 (11)	376 C	Eng	182			Furnished	892UFFJW-*5 (11)	376 C	Eng	182			Furnished

ONE SPEED - CONSTANT MESH EXTENDED SHAFT

899HAFJW-*5 (6)	591 C	Eng	116			Furnished	899UAFJW-*5 (6)	591 C	Eng	116			Furnished
899HBFJW-*5 (7)	552 C	Eng	124			Furnished	899UBFJW-*5 (7)	552 C	Eng	124			Furnished
899HCFJW-*5 (8)	515 C	Eng	133			Furnished	899UCFJW-*5 (8)	515 C	Eng	133			Furnished
899HDFJW-*5 (9)	482 C	Eng	142			Furnished	899UDFJW-*5 (9)	482 C	Eng	142			Furnished
899HEFJW-*5 (10)	425 C	Eng	161			Furnished	899UEFJW-*5 (10)	425 C	Eng	161			Furnished
899HFFJW-*5 (11)	376 C	Eng	182			Furnished	899UFFJW-*5 (11)	376 C	Eng	182			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

6) Input Gear Part No. 5-P-1428-11X
 (7) Input Gear Part No. 5-P-1428-12X
 (8) Input Gear Part No. 5-P-1428-3X
 (9) Input Gear Part No. 5-P-1428-4X
 (10) Input Gear Part No. 5-P-1428-5X
 (11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1491-1X
 (13) Input Gear Part No. 5-P-1491-2X
 (14) Input Gear Part No. 5-P-1491-3X
 (15) Input Gear Part No. 5-P-1491-4X
 (16) Input Gear Part No. 5-P-1491-5X
 (17) Input Gear Part No. 5-P-1491-6X

(18) Input Gear Part No. 5-P-1491-7X
 (19) Input Gear Part No. 5-P-1491-8X

CHELSEA®

ALLISON

ALL-19C

4700 (4700 Family w/ Integral Cooler)
4800 (4800 Family w/ Integral Cooler)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH

267SBFJP-*5 (4)	402 I	Eng	103			Furnished	267SBFJP-*3 (4)	402 I	Eng	103			Furnished
267SDFJP-*5 (3)	390 I	Eng	123			Furnished	267SDFJP-*3 (4)	390 I	Eng	123			Furnished
267SGFJP-*5 (2)	360 I	Eng	147			Furnished	267SGFJP-*3 (2)	360 I	Eng	147			Furnished
267SMFJP-*5 (5)	318 I	Eng	184			Furnished	267SMFJP-*3 (5)	318 I	Eng	184			Furnished
267SSFJP-*5 (1)	265 I	Eng	229			Furnished	267SSFJP-*3 (1)	265 I	Eng	229			Furnished
267XBFJP-*5 (20)	335 I	Eng	103			Furnished	267XBFJP-*3 (20)	335 I	Eng	103			Furnished
267XDFJP-*5 (21)	325 I	Eng	123			Furnished	267XDFJP-*3 (21)	325 I	Eng	123			Furnished
267XGFJP-*5 (22)	300 I	Eng	147			Furnished	267XGFJP-*3 (22)	300 I	Eng	147			Furnished
267XMFJP-*5 (23)	265 I	Eng	184			Furnished	267XMFJP-*3 (23)	265 I	Eng	184			Furnished
267XSFJP-*5 (1)	250 I	Eng	229			Furnished	267XSFJP-*3 (1)	250 I	Eng	229			Furnished
288GBFJP-*5 (12)	300 C	Eng	85			Furnished	288GBFJP-*3 (12)	300 C	Eng	85			Furnished
288GBFJP-*8 (12)	300 C	Eng	81			Furnished	288GBFJP-*8 (12)	300 C	Eng	81			Furnished
288GCFJP-*5 (13)	390 C	Eng	103			Furnished	288GCFJP-*3 (13)	390 C	Eng	103			Furnished
288GCFJP-*8 (13)	390 C	Eng	97			Furnished	288GCFJP-*8 (13)	390 C	Eng	97			Furnished
288GDFJP-*5 (14)	390 C	Eng	123			Furnished	288GDFJP-*3 (14)	390 C	Eng	123			Furnished
288GDFJP-*8 (14)	390 C	Eng	116			Furnished	288GDFJP-*8 (14)	390 C	Eng	116			Furnished
288GGFJP-*5 (15)	360 C	Eng	147			Furnished	288GGFJP-*3 (15)	360 C	Eng	147			Furnished
288GGFJP-*8 (15)	360 C	Eng	137			Furnished	288GGFJP-*8 (15)	360 C	Eng	137			Furnished
288GKFJP-*5 (16)	340 C	Eng	164			Furnished	288GKFJP-*3 (16)	340 C	Eng	164			Furnished
288GMFJP-*5 (17)	318 C	Eng	184			Furnished	288GMFJP-*3 (17)	318 C	Eng	184			Furnished
288GMFJP-*8 (17)	318 C	Eng	170			Furnished	288GMFJP-*8 (17)	318 C	Eng	170			Furnished
288GPFJP-*5 (18)	290 C	Eng	205			Furnished	288GPFJP-*3 (18)	290 C	Eng	205			Furnished
288GPFJP-*8 (18)	290 C	Eng	189			Furnished	288GPFJP-*8 (18)	290 C	Eng	189			Furnished
288GSFJP-*5 (19)	265 C	Eng	229			Furnished	288GSFJP-*3 (19)	265 C	Eng	229			Furnished
288GSFJP-*8 (19)	265 C	Eng	210			Furnished	288GSFJP-*8 (19)	265 C	Eng	210			Furnished
878XAFJP-*5 (6)	591 C	Eng	116			Furnished	878XAFJP-*3 (6)	591 C	Eng	116			Furnished
878XBFJP-*5 (7)	552 C	Eng	124			Furnished	878XBFJP-*3 (7)	552 C	Eng	124			Furnished
878XCFJP-*5 (8)	515 C	Eng	133			Furnished	878XCFJP-*3 (8)	515 C	Eng	133			Furnished
878XDFJP-*5 (9)	482 C	Eng	142			Furnished	878XDFJP-*3 (9)	482 C	Eng	142			Furnished
878XEFJP-*5 (10)	425 C	Eng	161			Furnished	878XEFJP-*3 (10)	425 C	Eng	161			Furnished
878XFFJP-*5 (11)	376 C	Eng	182			Furnished	878XFFJP-*3 (11)	376 C	Eng	182			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(1) Input Gear Part No. 5-P-1173
(2) Input Gear Part No. 5-P-1225
(3) Input Gear Part No. 5-P-1293
(4) Input Gear Part No. 5-P-1350
(5) Input Gear Part No. 5-P-1351
(6) Input Gear Part No. 5-P-1428-11X

(7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(11) Input Gear Part No. 5-P-1428-6X
(12) Input Gear Part No. 5-P-1491-1X

(13) Input Gear Part No. 5-P-1491-2X
(14) Input Gear Part No. 5-P-1491-3X
(15) Input Gear Part No. 5-P-1491-4X
(16) Input Gear Part No. 5-P-1491-5X
(17) Input Gear Part No. 5-P-1491-6X
(18) Input Gear Part No. 5-P-1491-7X

(19) Input Gear Part No. 5-P-1491-8X
(20) Input Gear Part No. 5-P-912
(21) Input Gear Part No. 5-P-913
(22) Input Gear Part No. 5-P-914
(23) Input Gear Part No. 5-P-915

CHELSEA®

ALLISON

ALL-19C

4700 (4700 Family w/ Integral Cooler)
4800 (4800 Family w/ Integral Cooler)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline

97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline

97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (12)	300 C	Eng	85			Furnished	281GBFJP-*5 (12)	300 C	Eng	85			Furnished
281GBFJP-*8 (12)	300 C	Eng	81			Furnished	281GBFJP-*8 (12)	300 C	Eng	81			Furnished
281GCFJP-*5 (13)	390 C	Eng	103			Furnished	281GCFJP-*5 (13)	390 C	Eng	103			Furnished
281GCFJP-*8 (13)	390 C	Eng	97			Furnished	281GCFJP-*8 (13)	390 C	Eng	97			Furnished
281GDFJP-*5 (14)	390 C	Eng	123			Furnished	281GDFJP-*5 (14)	390 C	Eng	123			Furnished
281GDFJP-*8 (14)	390 C	Eng	116			Furnished	281GDFJP-*8 (14)	390 C	Eng	116			Furnished
281GGFJP-*5 (15)	360 C	Eng	147			Furnished	281GGFJP-*5 (15)	360 C	Eng	147			Furnished
281GGFJP-*8 (15)	360 C	Eng	137			Furnished	281GGFJP-*8 (15)	360 C	Eng	137			Furnished
281GKFJP-*5 (16)	340 C	Eng	164			Furnished	281GKFJP-*5 (16)	340 C	Eng	164			Furnished
281GMFJP-*5 (17)	318 C	Eng	184			Furnished	281GMFJP-*5 (17)	318 C	Eng	184			Furnished
281GMFJP-*8 (17)	318 C	Eng	170			Furnished	281GMFJP-*8 (17)	318 C	Eng	170			Furnished
281GPFJP-*5 (18)	290 C	Eng	205			Furnished	281GPFJP-*5 (18)	290 C	Eng	205			Furnished
281GPFJP-*8 (18)	290 C	Eng	189			Furnished	281GPFJP-*8 (18)	290 C	Eng	189			Furnished
281GSFJP-*5 (19)	265 C	Eng	229			Furnished	281GSFJP-*5 (19)	265 C	Eng	229			Furnished
281GSFJP-*8 (19)	265 C	Eng	210			Furnished	281GSFJP-*8 (19)	265 C	Eng	210			Furnished
871XAFJP-*5 (6)	591 C	Eng	116			Furnished	871XAFJP-*5 (6)	591 C	Eng	116			Furnished
871XBFJP-*5 (7)	552 C	Eng	124			Furnished	871XBFJP-*5 (7)	552 C	Eng	124			Furnished
871XCFJP-*5 (8)	515 C	Eng	133			Furnished	871XCFJP-*5 (8)	515 C	Eng	133			Furnished
871XDFJP-*5 (9)	482 C	Eng	142			Furnished	871XDFJP-*5 (9)	482 C	Eng	142			Furnished
871XEFJP-*5 (10)	425 C	Eng	161			Furnished	871XEFJP-*5 (10)	425 C	Eng	161			Furnished
871XFFJP-*5 (11)	376 C	Eng	182			Furnished	871XFFJP-*5 (11)	376 C	Eng	182			Furnished

ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

892CAFJW-*3 (6)	591 C	Eng	116			Furnished	892UAFJW-*5 (6)	591 C	Eng	116			Furnished
892CBFJW-*3 (7)	552 C	Eng	124			Furnished	892UBFJW-*5 (7)	552 C	Eng	124			Furnished
892CCFJW-*3 (8)	515 C	Eng	133			Furnished	892UCFJW-*5 (8)	515 C	Eng	133			Furnished
892CDFJW-*3 (9)	482 C	Eng	142			Furnished	892UDFJW-*5 (9)	482 C	Eng	142			Furnished
892CEFJW-*3 (10)	425 C	Eng	161			Furnished	892UEFJW-*5 (10)	425 C	Eng	161			Furnished
892CFFJW-*3 (11)	376 C	Eng	182			Furnished	892UFFJW-*5 (11)	376 C	Eng	182			Furnished

ONE SPEED - CONSTANT MESH EXTENDED SHAFT

899CAFJW-*3 (6)	591 C	Eng	116			Furnished	899UAFJW-*5 (6)	591 C	Eng	116			Furnished
899CBFJW-*3 (7)	552 C	Eng	124			Furnished	899UBFJW-*5 (7)	552 C	Eng	124			Furnished
899CCFJW-*3 (8)	515 C	Eng	133			Furnished	899UCFJW-*5 (8)	515 C	Eng	133			Furnished
899CDFJW-*3 (9)	482 C	Eng	142			Furnished	899UDFJW-*5 (9)	482 C	Eng	142			Furnished
899CEFJW-*3 (10)	425 C	Eng	161			Furnished	899UEFJW-*5 (10)	425 C	Eng	161			Furnished
899CFFJW-*3 (11)	376 C	Eng	182			Furnished	899UFFJW-*5 (11)	376 C	Eng	182			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(6) Input Gear Part No. 5-P-1428-11X
(7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1491-1X
(13) Input Gear Part No. 5-P-1491-2X
(14) Input Gear Part No. 5-P-1491-3X
(15) Input Gear Part No. 5-P-1491-4X
(16) Input Gear Part No. 5-P-1491-5X
(17) Input Gear Part No. 5-P-1491-6X

(18) Input Gear Part No. 5-P-1491-7X
(19) Input Gear Part No. 5-P-1491-8X

CHELSEA®

ALLISON

ALL-19R

4700 (4700 Family w/ Retarder)
4800 (4800 Family w/ Retarder)

LEFT SIDE ONLY

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - CONSTANT MESH

267SBFJP-*5 (4)	402 I	Eng	103			Furnished	267SBFJP-*3 (4)	402 I	Eng	103			Furnished
267SDFJP-*5 (3)	390 I	Eng	123			Furnished	267SDFJP-*3 (4)	402 I	Eng	103			Furnished
267SGFJP-*5 (2)	360 I	Eng	147			Furnished	267SGFJP-*3 (2)	360 I	Eng	147			Furnished
267SMFJP-*5 (5)	318 I	Eng	184			Furnished	267SMFJP-*3 (5)	318 I	Eng	184			Furnished
267SSFJP-*5 (1)	265 I	Eng	229			Furnished	267SSFJP-*3 (1)	265 I	Eng	229			Furnished
267XBFJP-*5 (20)	335 I	Eng	103			Furnished	267XBFJP-*3 (20)	335 I	Eng	103			Furnished
267XDFJP-*5 (21)	325 I	Eng	123			Furnished	267XDFJP-*3 (21)	325 I	Eng	123			Furnished
267XGFJP-*5 (22)	300 I	Eng	147			Furnished	267XGFJP-*3 (22)	300 I	Eng	147			Furnished
267XMFJP-*5 (23)	265 I	Eng	184			Furnished	267XMFJP-*3 (23)	265 I	Eng	184			Furnished
267XSFJP-*5 (1)	250 I	Eng	229			Furnished	267XSFJP-*3 (1)	250 I	Eng	229			Furnished
288GBFJP-*5 (12)	300 C	Eng	85			Furnished	288GBFJP-*3 (12)	300 C	Eng	85			Furnished
288GBFJP-*8 (12)	300 C	Eng	81			Furnished	288GBFJP-*8 (12)	300 C	Eng	81			Furnished
288GCFJP-*5 (13)	390 C	Eng	103			Furnished	288GCFJP-*3 (13)	390 C	Eng	103			Furnished
288GCFJP-*8 (13)	390 C	Eng	97			Furnished	288GCFJP-*8 (13)	390 C	Eng	97			Furnished
288GDFJP-*5 (14)	390 C	Eng	123			Furnished	288GDFJP-*3 (14)	390 C	Eng	123			Furnished
288GDFJP-*8 (14)	390 C	Eng	116			Furnished	288GDFJP-*8 (14)	390 C	Eng	116			Furnished
288GGFJP-*5 (15)	360 C	Eng	147			Furnished	288GGFJP-*3 (15)	360 C	Eng	147			Furnished
288GGFJP-*8 (15)	360 C	Eng	137			Furnished	288GGFJP-*8 (15)	360 C	Eng	137			Furnished
288GKFJP-*5 (16)	340 C	Eng	164			Furnished	288GKFJP-*3 (16)	340 C	Eng	164			Furnished
288GMFJP-*5 (17)	318 C	Eng	184			Furnished	288GMFJP-*3 (17)	318 C	Eng	184			Furnished
288GMFJP-*8 (17)	318 C	Eng	170			Furnished	288GMFJP-*8 (17)	318 C	Eng	170			Furnished
288GPFJP-*5 (18)	290 C	Eng	205			Furnished	288GPFJP-*3 (18)	290 C	Eng	205			Furnished
288GPFJP-*8 (18)	290 C	Eng	189			Furnished	288GPFJP-*8 (18)	290 C	Eng	189			Furnished
288GSFJP-*5 (19)	265 C	Eng	229			Furnished	288GSFJP-*3 (19)	265 C	Eng	229			Furnished
288GSFJP-*8 (19)	265 C	Eng	210			Furnished	288GSFJP-*8 (19)	265 C	Eng	210			Furnished
878XAFJP-*5 (6)	591 C	Eng	116			Furnished	878XAFJP-*3 (6)	591 C	Eng	116			Furnished
878XBFJP-*5 (7)	552 C	Eng	124			Furnished	878XBFJP-*3 (7)	552 C	Eng	124			Furnished
878XCFJP-*5 (8)	515 C	Eng	133			Furnished	878XCFJP-*3 (8)	515 C	Eng	133			Furnished
878XDFJP-*5 (9)	482 C	Eng	142			Furnished	878XDFJP-*3 (9)	482 C	Eng	142			Furnished
878XEFJP-*5 (10)	425 C	Eng	161			Furnished	878XEFJP-*3 (10)	425 C	Eng	161			Furnished
878XFFJP-*5 (11)	376 C	Eng	182			Furnished	878XFFJP-*3 (11)	376 C	Eng	182			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

- (1) Input Gear Part No. 5-P-1173
(2) Input Gear Part No. 5-P-1225
(3) Input Gear Part No. 5-P-1293
(4) Input Gear Part No. 5-P-1350
(5) Input Gear Part No. 5-P-1351
(6) Input Gear Part No. 5-P-1428-11X

- (7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(11) Input Gear Part No. 5-P-1428-6X
(12) Input Gear Part No. 5-P-1491-1X

- (13) Input Gear Part No. 5-P-1491-2X
(14) Input Gear Part No. 5-P-1491-3X
(15) Input Gear Part No. 5-P-1491-4X
(16) Input Gear Part No. 5-P-1491-5X
(17) Input Gear Part No. 5-P-1491-6X
(18) Input Gear Part No. 5-P-1491-7X

- (19) Input Gear Part No. 5-P-1491-8X
(20) Input Gear Part No. 5-P-912
(21) Input Gear Part No. 5-P-913
(22) Input Gear Part No. 5-P-914
(23) Input Gear Part No. 5-P-915

CHELSEA®

ALLISON

ALL-19R

4700 (4700 Family w/ Retarder)
4800 (4800 Family w/ Retarder)

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

TOP SIDE ONLY

TRANSMISSION GEAR DATA:

TOP 10-BOLT Opening Gear FORWARD of Centerline
97 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.7799" (45.2100 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - POWERSHIFT (HYDRAULIC)

281GBFJP-*5 (12)	300 C	Eng	85			Furnished	281GBFJP-*5 (12)	300 C	Eng	85			Furnished
281GBFJP-*8 (12)	300 C	Eng	81			Furnished	281GBFJP-*8 (12)	300 C	Eng	81			Furnished
281GCFJP-*5 (13)	390 C	Eng	103			Furnished	281GCFJP-*5 (13)	390 C	Eng	103			Furnished
281GCFJP-*8 (13)	390 C	Eng	97			Furnished	281GCFJP-*8 (13)	390 C	Eng	97			Furnished
281GDFJP-*5 (14)	390 C	Eng	123			Furnished	281GDFJP-*5 (14)	390 C	Eng	123			Furnished
281GDFJP-*8 (14)	390 C	Eng	116			Furnished	281GDFJP-*8 (14)	390 C	Eng	116			Furnished
281GGFJP-*5 (15)	360 C	Eng	147			Furnished	281GGFJP-*5 (15)	360 C	Eng	147			Furnished
281GGFJP-*8 (15)	360 C	Eng	137			Furnished	281GGFJP-*8 (15)	360 C	Eng	137			Furnished
281GKFJP-*5 (16)	340 C	Eng	164			Furnished	281GKFJP-*5 (16)	340 C	Eng	164			Furnished
281GMFJP-*5 (17)	318 C	Eng	184			Furnished	281GMFJP-*5 (17)	318 C	Eng	184			Furnished
281GMFJP-*8 (17)	318 C	Eng	170			Furnished	281GMFJP-*8 (17)	318 C	Eng	170			Furnished
281GPFJP-*5 (18)	290 C	Eng	205			Furnished	281GPFJP-*5 (18)	290 C	Eng	205			Furnished
281GPFJP-*8 (18)	290 C	Eng	189			Furnished	281GPFJP-*8 (18)	290 C	Eng	189			Furnished
281GSFJP-*5 (19)	265 C	Eng	229			Furnished	281GSFJP-*5 (19)	265 C	Eng	229			Furnished
281GSFJP-*8 (19)	265 C	Eng	210			Furnished	281GSFJP-*8 (19)	265 C	Eng	210			Furnished
871XAFJP-*5 (6)	591 C	Eng	116			Furnished	871XAFJP-*3 (6)	591 C	Eng	116			Furnished
871XBFJP-*5 (7)	552 C	Eng	124			Furnished	871XBFJP-*3 (7)	552 C	Eng	124			Furnished
871XCFJP-*5 (8)	515 C	Eng	133			Furnished	871XCFJP-*3 (8)	515 C	Eng	133			Furnished
871XDFJP-*5 (9)	482 C	Eng	142			Furnished	871XDFJP-*3 (9)	482 C	Eng	142			Furnished
871XEFJP-*5 (10)	425 C	Eng	161			Furnished	871XEFJP-*3 (10)	425 C	Eng	161			Furnished
871XFFJP-*5 (11)	376 C	Eng	182			Furnished	871XFFJP-*3 (11)	376 C	Eng	182			Furnished

ONE SPEED - POWERSHIFT (HYDRAULIC) EXTENDED SHAFT

892JAFJW-*3 (6)	591 C	Eng	116			Furnished	892KAFJW-*5 (6)	591 C	Eng	116			Furnished
892JBFJW-*3 (7)	552 C	Eng	124			Furnished	892KBFJW-*5 (7)	552 C	Eng	124			Furnished
892JCFJW-*3 (8)	515 C	Eng	133			Furnished	892KCFJW-*5 (8)	515 C	Eng	133			Furnished
892JDFJW-*3 (9)	482 C	Eng	142			Furnished	892KDFJW-*5 (9)	482 C	Eng	142			Furnished
892JEFJW-*3 (10)	425 C	Eng	161			Furnished	892KEFJW-*5 (10)	425 C	Eng	161			Furnished
892JFFJW-*3 (11)	376 C	Eng	182			Furnished	892KFFJW-*5 (11)	376 C	Eng	182			Furnished

ONE SPEED - CONSTANT MESH EXTENDED SHAFT

899JAFJW-*3 (6)	591 C	Eng	116			Furnished	899KAFJW-*5 (6)	591 C	Eng	116			Furnished
899JBFJW-*3 (7)	552 C	Eng	124			Furnished	899KBFJW-*5 (7)	552 C	Eng	124			Furnished
899JCFJW-*3 (8)	515 C	Eng	133			Furnished	899KCFJW-*5 (8)	515 C	Eng	133			Furnished
899JDFJW-*3 (9)	482 C	Eng	142			Furnished	899KDFJW-*5 (9)	482 C	Eng	142			Furnished
899JEFJW-*3 (10)	425 C	Eng	161			Furnished	899KEFJW-*5 (10)	425 C	Eng	161			Furnished
899JFFJW-*3 (11)	376 C	Eng	182			Furnished	899KFFJW-*5 (11)	376 C	Eng	182			Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

CAUTION: The torque values given for specific application pages may be limited to the rated torque of the Allison transmission.

(6) Input Gear Part No. 5-P-1428-11X
(7) Input Gear Part No. 5-P-1428-12X
(8) Input Gear Part No. 5-P-1428-3X
(9) Input Gear Part No. 5-P-1428-4X
(10) Input Gear Part No. 5-P-1428-5X
(11) Input Gear Part No. 5-P-1428-6X

(12) Input Gear Part No. 5-P-1491-1X
(13) Input Gear Part No. 5-P-1491-2X
(14) Input Gear Part No. 5-P-1491-3X
(15) Input Gear Part No. 5-P-1491-4X
(16) Input Gear Part No. 5-P-1491-5X
(17) Input Gear Part No. 5-P-1491-6X

(18) Input Gear Part No. 5-P-1491-7X
(19) Input Gear Part No. 5-P-1491-8X

CHELSEA®

ALLISON

ALL-21

1700
1750
2700
2750

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 06-BOLT Opening Gear FORWARD of Centerline
64 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0080" (25.6000 mm)

TRANSMISSION GEAR DATA:

R.S. 06-BOLT Opening Gear FORWARD of Centerline
64 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0080" (25.6000 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
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ONE SPEED - MECHANICAL SHIFT

442GBHVP-*5 (3)	215 I	Eng	96			Furnished	442GBHVP-*3 (3)	215 I	Eng	96			Furnished
442GBHVX-*5 (3)	150 I	Eng	96			Furnished	442GBHVX-*3 (3)	150 I	Eng	96			Furnished
442GFHVP-*5 (2)	165 I	Eng	151			Furnished	442GFHVP-*3 (2)	165 I	Eng	151			Furnished

ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

272GAHVP-*5 (5)	294 C	Eng	85			Furnished	272GAHVP-*3 (5)	294 C	Eng	85			Furnished
272GBHVP-*5 (6)	240 C	Eng	104			Furnished	272GBHVP-*3 (6)	240 C	Eng	104			Furnished
272GCHVP-*5 (7)	198 C	Eng	126			Furnished	272GCHVP-*3 (7)	198 C	Eng	126			Furnished
272GDHVP-*5 (8)	166 C	Eng	151			Furnished	272GDHVP-*3 (8)	166 C	Eng	151			Furnished

ONE SPEED - TWO GEAR - POWERSHIFT (HYDRAULIC)

252GDHVP-*5 (1)	120 I	Eng	122			Furnished	252GDHVX-*5 (1)	120 I	Eng	122			Furnished
252GMHVP-*5 (4)	50 I	Eng	178			Furnished	252GMHVX-*5 (4)	50 I	Eng	178			Furnished

GEARED ADAPTERS

626GHVX-4HV (2)	250 I	Opp		7-A-140(P)(9)		Furnished	626GHVX-3HV (2)	250 I	Opp		7-A-140(P)(9)		Furnished
630GHVX-4HV (2)	250 I	Opp		7-A-140(P)(9)		Furnished	630GHVX-3HV (2)	250 I	Opp		7-A-140(P)(9)		Furnished
645GHVX-4HV (2)	250 I	Opp		7-A-140(P)(9)		Furnished	645GHVX-3HV (2)	250 I	Opp		7-A-140(P)(9)		Furnished

See next page for more pump options.

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.**CAUTION:** To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.**CAUTION:** Left side opening was unavailable on early 2019 models due to ABS module interference. Verify truck prior to ordering PTO.

- (1) Input Gear Part No. 5-P-1294
 (2) Input Gear Part No. 5-P-1300
 (3) Input Gear Part No. 5-P-1358
 (4) Input Gear Part No. 5-P-1386
 (5) Input Gear Part No. 5-P-1516-1X
 (6) Input Gear Part No. 5-P-1516-2X

- (7) Input Gear Part No. 5-P-1516-3X
 (8) Input Gear Part No. 5-P-1516-4X
 (9) Filler block furnished with PTO

CHELSEA®**ALLISON****ALL-21**

1700 1750 2700 2750	
LEFT SIDE ONLY	RIGHT SIDE ONLY
TRANSMISSION GEAR DATA: L.S. 06-BOLT Opening Gear FORWARD of Centerline 64 Teeth - SPUR PITCH LINE TO APERTURE FACE: 1.0080" (25.6000 mm)	TRANSMISSION GEAR DATA: R.S. 06-BOLT Opening Gear FORWARD of Centerline 64 Teeth - SPUR PITCH LINE TO APERTURE FACE: 1.0080" (25.6032 mm)

Pump Option Charts**252 Pumps offered in the PGP511 (5/8" - 9T / SAE A Flange – XE Output)**

Option Order Code	Chelsea Pump Model	Displacement in ³ /rev	Displacement Gal/rev	Max Pressure PSI	Max Speed RPM	Shaft Size	Porting	
							Inlet	Outlet
1116	CGP-P11C016-1AC	0.37	0.002	3988	3500	5/8" - 9T	SAE12	SAE10
1121	CGP-P11C021-1AC	0.49	0.003	3988	4000	5/8" - 9T	SAE12	SAE10
1126	CGP-P11C026-1AC	0.61	0.003	3988	3600	5/8" - 9T	SAE12	SAE10
1129	CGP-P11C029-1AC	0.67	0.003	3988	3600	5/8" - 9T	SAE12	SAE10
1137	CGP-P11C037-1AC	0.85	0.004	3988	3300	5/8" - 9T	SAE12	SAE10
1449	CGP-P31C054-1AE	1.24	0.005	3500	3000	5/8" - 9T	SAE16	SAE10
1462	CGP-P31C061-1AE	1.40	0.006	3500	3000	5/8" - 9T	SAE16	SAE10

252 Pumps offered in the PGP511 (3/4" - 11T / SAE A Flange – AD Output)

Option Order Code	Chelsea Pump Model	Displacement in ³ /rev	Displacement Gal/rev	Max Pressure PSI	Max Speed RPM	Shaft Size	Porting	
							Inlet	Outlet
P37	CGP-P11C037-5AC	0.85	0.004	3988	3300	3/4" - 11T	SAE12	SAE10
P42	CGP-P11C042-5AC	0.98	0.004	3988	3000	3/4" - 11T	SAE12	SAE10
P55	CGP-P11C055-5AC	1.28	0.006	3408	2800	3/4" - 11T	SAE12	SAE10
P71	CGP-P11C071-5AC	1.65	0.007	2900	2400	3/4" - 11T	SAE12	SAE10
P82	CGP-P11C082-5AC	1.89	0.008	2465	2300	3/4" - 11T	SAE12	SAE10

CHELSEA®

ALLISON

ALL-22

FracTran®

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

REAR 08-BOLT Opening Gear FORWARD of Centerline

62 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.81" (20.574 mm)

CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM

PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq I / C †	Dir Rot	Engine % Fwd Rev	Filler Block	Adapter ASSY	Stud Kit
-----------	-----------------	------------	---------------------	--------------	-----------------	----------	-----------	-----------------	------------	---------------------	--------------	-----------------	----------

ONE SPEED - MECHANICAL SHIFT

823XBAKP-*4 (1)	750 I	Eng	128				Furnished
823XBAKP-*6 (1)	750 I	Eng	128				Furnished
823XDAKP-*4 (4)	658 I	Eng	152				Furnished
823XDAKP-*6 (4)	658 I	Eng	152				Furnished
823XGAKP-*4 (5)	605 I	Eng	165				Furnished
823XGAKP-*6 (5)	605 I	Eng	165				Furnished
823XJAKP-*4 (2)	515 I	Eng	194				Furnished
823XJAKP-*6 (2)	515 I	Eng	194				Furnished
823XMAKP-*4 (3)	438 I	Eng	228				Furnished
823XMAKP-*6 (3)	438 I	Eng	228				Furnished

ONE SPEED - POWERSHIFT (HYDRAULIC)

852XBAKP-*4 (7)	500 I	Eng	128				Furnished
852XBAKP-*6 (7)	500 I	Eng	128				Furnished
852XGAKP-*4 (8)	500 I	Eng	165				Furnished
852XGAKP-*6 (8)	500 I	Eng	165				Furnished
852XJAKP-*4 (6)	500 I	Eng	194				Furnished
852XJAKP-*6 (6)	500 I	Eng	194				Furnished

ONE SPEED - MECHANICAL SHIFT

880XBAKP-*4 (9)	500 I	Eng	128				Furnished
880XBAKP-*6 (9)	500 I	Eng	128				Furnished
880XDAKP-*4 (10)	500 I	Eng	152				Furnished
880XDAKP-*6 (10)	500 I	Eng	152				Furnished
880XGAKP-*4 (11)	500 I	Eng	165				Furnished
880XGAKP-*6 (11)	500 I	Eng	165				Furnished
880XJAKP-*4 (12)	500 I	Eng	194				Furnished
880XJAKP-*6 (12)	500 I	Eng	194				Furnished
880XMAKP-*4 (13)	438 I	Eng	228				Furnished
880XMAKP-*6 (13)	438 I	Eng	228				Furnished

Continued on Next Page

† I = Intermittent Torque Only - De-rate Torque Rating 30% for Continuous Duty.

C = Continuous or Intermittent Torque - No need to De-Rate Torque Rating.

IMPORTANT: Refer to the back of this transmission section and read all notes associated with this application page. Some notes may affect the proper PTO selection.

CAUTION: To maintain proper hydraulic pressure to PTO clutch, connect Chelsea specified wires to Allison "PTO REQUEST" & "PTO ENABLE" circuit wires/pins within transmission TCM. Location of PTO request and enable wires/pins dependant on transmission model and vocation code. Information for specific transmission can be found in the **Allison Vocational Model Guide** accessible at: <https://allisontransmission.com>. For further assistance, contact your local Allison representative.

- (1) Input Gear Part No. 5-P-223
- (2) Input Gear Part No. 5-P-224
- (3) Input Gear Part No. 5-P-284
- (4) Input Gear Part No. 5-P-293
- (5) Input Gear Part No. 5-P-294

- (6) Input Gear Part No. 5-P-295
- (7) Input Gear Part No. 5-P-296
- (8) Input Gear Part No. 5-P-297
- (9) Input Gear Part No. 5-P-1106
- (10) Input Gear Part No. 5-P-1107

- (11) Input Gear Part No. 5-P-1108
- (12) Input Gear Part No. 5-P-1109
- (13) Input Gear Part No. 5-P-1110

Allison Notes

ALL-4

1. Speeds shown are with engine RPM at or above torque converter lockup speed. If the PTO is going to be operated below torque converter lockup speeds, contact your CHELSEA distributor for specific speeds and torque requirements.
2. 378840 street tee required for pressure lube and must be purchased separately. Only the pressure lube line 328075X (line to the idler pin) is included with the PTO. For 272 Series, due to varying valve installation locations on the vehicle installer must supply the following hoses or order the following separately. One 329087X (line from tranny to valve) and two 328075X (valve dump back to PTO housing & valve to PTO clutch).
3. 272 Series PTOs ordered with pressure lube and hyd shift will be supplied with (1) lube hose and (1) shift hose.
4. Do not use adapter gear assemblies on any Allison automatic transmissions.

ALL-5

1. If the 272 Series is ordered with the drag brake option, the rear cover of the PTO may interfere with the transmission clutch housing. Clearance must be verified prior to ordering PTO.
2. Speeds shown are with engine RPM at, or above, torque converter lockup speed. If the PTO is going to be operated below torque converter lockup speeds, contact your CHELSEA distributor for specific speeds and torque requirements.
3. 378970 street tee required for pressure lube for 1975 and after, and must be purchased separately. 378880 street tee required for pressure lube prior to 1975. Only the pressure lube line 328075X (line to the idler pin) is included with the PTO. For 272 Series, due to varying valve installation locations on the vehicle installer must supply the following hoses or order the following separately. One 329087X (line from tranny to valve) and two 328075X (valve dump back to PTO housing & valve to PTO clutch).
4. 442 SERIES - The 442 listed above is a bulge up arrangement and pump clearance must be verified by the installer. The 442*3 arrangement has interference issues with the idler pin lube fitting against the bell housing.
5. Do not use adapter gear assemblies on any Allison automatic transmissions.

ALL-6

1. CRT-5630 & 5631 have only RH openings.
2. Right Side opening is optional. Input gear interference prohibits use of any PTOs other than those shown.
3. Do not use geared adapter assemblies on Allison 3000/4000 Series automatic transmissions.
4. Do not use adapter gear assemblies on any Allison automatic transmissions.

ALL-8

1. CRT-5630 & 5631 have only RH openings.
2. Right Side opening is optional. Input gear interference prohibits use of any PTOs other than those shown.
3. Do not use geared adapter assemblies on Allison 3000/4000 Series automatic transmissions.

ALL-11

1. RH opening is optional. Input gear interference prohibits use of any PTO other than those shown.
2. Use a 3/8 NPT to 1/4 NPT pipe reducer to adapt to the pressure lube hose supplied with the unit.
3. The CLT or CLBT prefix refers to an engine driven section mounted to the front of the transmission.
4. The 8000 and 9000 Series transmission models use all the same PTO models.
5. Only the pressure lube line 328075X (line to the idler pin) is included with the PTO.
6. The PTO input gear mates to a transmission PTO idler gear, the top opening will have 39 teeth and the side opening will have 52 teeth. These idler gears are driven from the 59 tooth PTO drive gear.
7. Do not use geared adapter assemblies on Allison 3000/4000 Series automatic transmissions.

Allison Notes

ALL-12

1. For SAE 6-bolt aperture located 40° from vertical or approximately 10 O'clock when viewed from rear, see application number ALL-7 or contact your CHELSEA distributor for PTO applications prior to serial build number 32404. For applications after 32404 see application number ALL-6.
2. Engine must be stopped in order to engage/disengage Mechanical shift PTOs.
3. Left side opening located at approximately 7 O'clock, right side at 1 O'clock as viewed from rear of transmission.
4. Lube Tee Required - 378897 Street Tee is required for pressure lube PTOs and must be purchased separately. Only the pressure lube hose assembly 328075X (line to the idler pin) is included with the PTO. For 272 Series, due to varying valve installation locations on the vehicle, installer must supply the following hoses or order the following separately. One 329087X (line from tranny to valve) and two 328075X (valve dump back to PTO housing & valve to PTO clutch).
5. Do not use geared adapter assemblies on Allison 3000/4000 Series automatic transmissions.

ALL-13

1. 871L/878L & 890/897 Series - The combined weight of pump, fittings and hoses should not exceed 120 lbs (54.5 kg). Refer to Owner's Manual HY25-1870XL-M1/US for 871L/878L complete details. Refer to Owner's Manual HY25-1890-M1/US for 890/897 complete details.
2. When direct mounting a Parker P2 060 piston pump to a 267 Series PTO on the left (drivers) side opening, the PTO must be ordered as a 3 assembly arrangement for pump clearance.
3. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281/288, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
4. The 267 Series is not available in the 3 arrangement with an XK output due to interference with the pressure lube fitting.
5. Wiring harness 379926 must be used in 2003 GM trucks for the 277, 278 and 859 Series PTOs if the GM provided in-dash PTO switch is used to control PTO operations.
6. Do not use geared adapter assemblies on Allison 3000/4000 Series automatic transmissions.
7. Quiet Gear™ input option QT is available on 871/878 and 871L/878L Series PTOs.
8. For an 871-XL and 878-XL (871L and 878L) Extended Shaft PTOs, the transmission bracket (50-P-XXX) and bolt kit (329928-1X) must be ordered separately: Left Side 5 Arrangement use 50-P-162, Left Side 3 Arrangement use 50-P-164, Right Side 5 Arrangement use 50-P-161, Right Side 3 Arrangement use 50-P-157.
9. For a 281 PTO mounted on the right side of the transmission, if a drag brake assembly is required, the PTO must be a 5 arrangement.

ALL-13C

1. When direct mounting a Parker P2 060 piston pump to a 267 Series PTO on the left (drivers) side opening, the PTO must be ordered as a 3 assembly arrangement for pump clearance.
2. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281/288, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
3. The 267 Series is not available in the 3 arrangement with an XK output due to interference with the pressure lube fitting.
4. 871L/878L & 890/897 Series - The combined weight of pump, fittings and hoses should not exceed 120 lbs (54.5 kg). Refer to Owner's Manual HY25-1870XL-M1/US for 871L/878L complete details. Refer to Owner's Manual HY25-1890-M1/US for 890/897 complete details.
5. Quiet Gear™ input option (QT) is available on 871/878 and 871L/878L Series PTOs.
6. For an 871-XL and 878-XL (871L and 878L) Extended Shaft PTOs, the transmission bracket (50-P-XXX) and bolt kit (329928-1X) must be ordered separately: Left Side 5 Arrangement use 50-P-162, Left Side 3 Arrangement use 50-P-164, Right Side 5 Arrangement use 50-P-161, Right Side 3 Arrangement use 50-P-157.
7. For a 281 PTO mounted on the right side of the transmission, if a drag brake assembly is required, the PTO must be a 5 arrangement.

Allison Notes

ALL-13EC

1. All models require a hose assembly. For 871L/878L - all mounting hardware and hose assemblies are included with the unit.
2. Quiet Gear™ input option (QT) is available on 871L/878L Series PTOs.
3. For 871L/878L, utilize Daimler's integral PTO support bracket.

ALL-13R

1. When direct mounting a Parker P2 060 piston pump to a 267 Series PTO on the left (drivers) side opening, the PTO must be ordered as a 3 assembly arrangement for pump clearance.
2. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281/288, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
3. The 267 Series is not available in the 3 arrangement with an XK output due to interference with the pressure lube fitting.
4. 871L/878L & 890/897 Series - The combined weight of pump, fittings and hoses should not exceed 120 lbs (54.5 kg). Refer to Owner's Manual HY25-1870XL-M1/US for 871L/878L complete details. Refer to Owner's Manual HY25-1890-M1/US for 890/897 complete details.
5. Do not use adapter gear assemblies on Allison 3000/4000 Series Automatic Transmissions.
6. Quiet Gear™ input option QT is available on 871/878 and 871L/878L Series PTOs.
7. For an 871-XL and 878-XL (871L and 878L) Extended Shaft PTOs, the transmission bracket (50-P-XXX) and bolt kit (329928-3X) must be ordered separately: Left Side 5 Arrangement use 50-P-162, Left Side 3 Arrangement use 50-P-164, Right Side 5 Arrangement use 50-P-161, Right Side 3 Arrangement use 50-P-157.
8. For a 281 PTO mounted on the right side of the transmission, if a drag brake assembly is required, the PTO must be a 5 arrangement.

ALL-14

1. LEFT SIDE - 871/878/890/897 PTOs may encounter interference with leaf spring assembly when using the 3 or 5 arrangement on the Peterbilt 320 chassis.
2. The Right Side opening is located at approximately 1 O'clock when viewed from the rear. All PTOs mounted in this location require pressure lubrication.
3. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281/288, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
4. The 267 Series is not available in the 3 arrangement with an XK output due to interference with the pressure lube fitting.
5. 871L/878L & 890/897 Series - The combined weight of pump, fittings and hoses should not exceed 120 lbs (54.5 kg). Refer to Owner's Manual HY25-1870XL-M1/US for 871L/878L complete details. Refer to Owner's Manual HY25-1890-M1/US for 890/897 complete details.
6. Do not use adapter gear assemblies on Allison 3000/4000 Series automatic transmissions.
7. Quiet Gear™ input option QT is available on 871/878 and 871L/878L Series PTOs.
8. For an 871-XL and 878-XL (871L and 878L) Extended Shaft PTOs, the transmission bracket (50-P-XXX) and bolt kit (329928-1X) must be ordered separately: Left Side 5 Arrangement use 50-P-165, Left Side 3 Arrangement use 50-P-158.

ALL-14C

1. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
2. 871L/878L & 890/897 Series - The combined weight of pump, fittings and hoses should not exceed 120 lbs (54.5 kg). Refer to Owner's Manual HY25-1870XL-M1/US for 871L/878L complete details. Refer to Owner's Manual HY25-1890-M1/US for 890/897 complete details.
3. The Right Side opening is located at approximately 1 O'clock when viewed from the rear. All PTOs mounted in this location require pressure lubrication.
4. Quiet Gear™ input option QT is available on 871/878 and 871L/878L Series PTOs.
5. For an 871-XL and 878-XL (871L and 878L) Extended Shaft PTOs, the transmission bracket (50-P-XXX) and bolt kit (329928-1X) must be ordered separately: Left Side 3 Arrangement use 50-P-158.

Allison Notes

ALL-14R

1. The Right Side opening is located at approximately 1 O'clock when viewed from the rear. All PTOs mounted in this location require pressure lubrication.
2. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
3. 871L/878L & 890/897 Series - The combined weight of pump, fittings and hoses should not exceed 120 lbs (54.5 kg). Refer to Owner's Manual HY25-1870XL-M1/US for 871L/878L complete details. Refer to Owner's Manual HY25-1890-M1/US for 890/897 complete details.
4. The 267 Series is not available in the 3 arrangement with an XK output due to interference with the pressure lube fitting.
5. Do not use geared adapter assemblies on Allison 3000/4000 Series automatic transmissions.
6. Quiet Gear™ input option QT is available on 871/878 and 871L/878L Series PTOs.
7. For an 871-XL and 878-XL (871L and 878L) Extended Shaft PTOs, the transmission bracket (50-P-XXX) and bolt kit (329928-2X) must be ordered separately: Left Side 5 Arrangement use 50-P-165, Left Side 3 Arrangement use 50-P-158.

ALL-15

1. There is a torque converter lock up feature available with the 1000/2000/2400 series transmissions. The torque converter lock up feature comes on and is controlled by the Transmission Control Module (TCM) when a signal is provided to the "PTO Enable" circuit of the TCM by the PTO switch. Lock up will only come on in the "NEUTRAL" and "PARK" positions at 1100 RPM transmission turbine speed. This equates to 1200-1250 RPM or higher engine speed, depending on PTO load. The lock up clutch does not come on automatically in "DRIVE." Refer to the appropriate Owner's Manual for wiring installation.
2. If the 442 Series is ordered with pressure lube, hose 328075X is supplied with the PTO, a restrictor orifice, 379896 (442*FHVP) or 379594 (442*BHVP) is required and is shipped with the PTO.
3. 442*B Ratio - DO NOT USE with geared adapter.
4. Geared Adapters - 626/630/645 listed on this application page are for the 442 (F Ratio Only) or 272. 442*F Ratio - Use 442ZFHV with (1) 7-A-140 filler block and (1) 328170-94X stud kit when mounting the PTO to one of the adapters listed. 272 - Use 272L*HV (deep mount) with (1) 7-A-140 and (1) 328170-94X. Use 35-P-41 gasket between transmission and adapter. Use filler block (1) 7-A-140 between the adapter and PTO with 35-P-1 or 2 shim gaskets to obtain .006"-.012" of backlash between the driver gears.
5. Limited Ratios - the G Ratio and above will not fit on this transmission due to adjacent interference with the input ratio gear. For D ratio, verify clearance prior to installation.
6. A lube T fitting is required in the oil return cooling line to supply low pressure oil to the idler shaft of the 252 (left side), 272, or 442 Series PTO. The 378840 T fitting is for transmission model 1000 with the SAE #3 bell housing, 378970 T fitting is for the transmission model 1000/2000/2400 with the SAE #2 bell housing, or the low pressure return line may be cut with a tube cutter and a compression T fitting may be installed.
7. MY2003 and after GM C/K Series 4500/5500/6500/7500/8500 Trucks - If using the GM provided in-dash switch, use wiring harness 379924 for the 272 Series PTOs. The kits must be ORDERED SEPARATELY.
8. 252 Series PTO - (GM C/K Series 2003-Current) If using the factory provided GM PTO switch, an additional wiring harness is required. MY2003-2006 - Order 329619X; MY2007-2014 - Order 329620X; MY2015-Current - Order 75-P-33. Wiring harnesses must be ordered separately.
9. 272 Low Profile - MY2022+ MACK MD6 chassis has cross-member interference on the driver side and a 272N cannot be used. 272G in a 5 arrangement is recommended if there are no other obstructions.

ALL-16

1. The Allison Model MD-3066 has two 10-bolt aperture openings located at 9 O'clock on the left side and 2 O'clock on the right side (Top Right).
2. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
3. The 267 Series is not available in the 3 arrangement with an XK output due to interference with the pressure lube fitting.
4. 871L/878L & 890/897 Series - The combined weight of pump, fittings and hoses should not exceed 120 lbs (54.5 kg). Refer to Owner's Manual HY25-1870XL-M1/US for 871L/878L complete details. Refer to Owner's Manual HY25-1890-M1/US for 890/897 complete details.
5. Do not use Geared Adapters Assemblies on Allison 3000/4000 Series automatic transmissions.
6. Quiet Gear™ input option (QT) is available on 871/878 and 871L/878L Series PTOs.
7. For an 871-XL and 878-XL (871L and 878L) Extended Shaft PTOs, the transmission bracket (50-P-XXX) and bolt kit (329928-1X) must be ordered separately: Left Side 5 arrangement use 50-P-163.

Allison Notes

ALL-16C

1. The 281, 871, and 890 will not fit in a 3 arrangement on the left side of this transmission with a cooler. The remote and integral valve cap assembly hits the transmission.
2. The Allison Model MD-3066 has two 10-bolt aperture openings located at 9 O'clock on the left side and 2 O'clock on the right side (Top Right). Every PTO mounted on this transmission must have the pressure lube option (P).
3. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
4. The 267 Series is not available in the 3 arrangement with an XK output due to interference with the pressure lube fitting.
5. 871L/878L & 890/897 Series - The combined weight of pump, fittings and hoses should not exceed 120 lbs (54.5 kg). Refer to Owner's Manual HY25-1870XL-M1/US for 871L/878L complete details. Refer to Owner's Manual HY25-1890-M1/US for 890/897 complete details.
6. Do not use geared adapter assemblies on Allison 3000/4000 Series automatic transmissions.
7. Quiet Gear™ input option (QT) is available on 871/878 and 871L/878L Series PTOs.
8. For an 871-XL and 878-XL (871L and 878L) Extended Shaft PTOs, the transmission bracket (50-P-XXX) and bolt kit (329928-1X) must be ordered separately: Left Side (5 Arrangement) use 50-P-163.

ALL-16EV

1. "How to Calculate" Torque for two (2) PTO INTERMITTENT Applications. Combined Total = [Actual Torque of PTO#1] divided by [Per Cent of Engine] + [Actual Torque of PTO#2] divided by [Per Cent of Engine]. Application is OK if Combined Torque is less than 790 lb-ft for Intermittent use and the PTOs Torque Requirements are less than Stated PTO Torque Limits. For CONTINUOUS Applications = Application is OK if Combined Torque is less than 685 lb-ft and the PTOs Torque Requirements are less than Stated PTO Torque Limits x .80.
2. All stated torque values on this page are for CONTINUOUS duty cycles for fire & emergency applications with ONE (1) PTO torque values are as follows - continuous/intermittent (lb-ft): "A" ratio-670/793, "B" ratio-632/742, "C" ratio-588/696, "D" ratio-554/652, "E" ratio-486/574, "F" ratio-429/507, "G" ratio 379/447 and "J" ratio-334/394. Refer to Allison tech data (watch # 291) for more information on fire & emergency PTO applications and transmission torque ratings.
3. The stated INTERMITTENT torque values are for fire and emergency vehicle applications with one PTO not to exceed 790 lb- ft [1068 N-m] on the transmission PTO drive gear. For two PTO applications, the combined torque value cannot exceed 790 lb-ft [1068 N-m] at the transmission PTO drive gear. See example on "How to Calculate".
4. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281/288, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
5. The 267 Series is not available in the 3 arrangement with an XK output due to interference with the pressure lube fitting.
6. 871L/878L & 890/897 Series - The combined weight of pump, fittings and hoses should not exceed 120 lbs (54.5 kg). Refer to Owner's Manual HY25-1870XL-M1/US for 871L/878L complete details. Refer to Owner's Manual HY25-1890-M1/US for 890/897 complete details.
7. Allison transmission maximum power capability of the top mount PTO drive gear on MD Series transmissions used in the fire and emergency vehicle vocations has been increased. The ratings on this page are valid only for the side/top mount PTO options. Refer to Allison watch #291 for complete details.
8. Quiet Gear™ input option (QT) is available on 871/878 and 871L/878L Series PTOs.
9. For an 871-XL and 878-XL (871L and 878L) Extended Shaft PTOs, the transmission bracket (50-P-XXX) and bolt kit (329928-1X) must be ordered separately: Left Side (5 Arrangement) use 50-P-163.

ALL-16R

1. The Allison Model MD-3066 has two 10-bolt aperture openings located at 9 O'clock on the left side and 2 O'clock on the right side (top right). Every PTO mounted on this transmission must have the pressure lube option (P).
2. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
3. The 267 Series is not available in the 3 arrangement with an XK output due to interference with the pressure lube fitting.
4. 871L/878L & 890/897 Series - The combined weight of pump, fittings and hoses should not exceed 120 lbs (54.5 kg). Refer to Owner's Manual HY25-1870XL-M1/US for 871L/878L complete details. Refer to Owner's Manual HY25-1890-M1/US for 890/897 complete details.
5. Do not use geared adapter assemblies on Allison 3000/4000 Series automatic transmissions.
6. Quiet Gear™ input option (QT) is available on 871/878 and 871L/878L Series PTOs.
7. For an 871-XL and 878-XL (871L and 878L) extended shaft PTOs, the transmission bracket (50-P-XXX) and bolt kit (329928-3X) must be ordered separately: Left side (5 ARR) use 50-P-163.

Allison Notes

ALL-17

1. For MY2015 GM has changed the engine exhaust design. The exhaust pipe can not be removed as in previous model years. This is causing issues with PTO installation. Contact GM upfitter integration for assistance on PTO installation.
2. There is torque converter lock up feature available with the 1000 Series transmission. The torque converter lock up feature comes on and is controlled by the Transmission Control Module (TCM) at 1100 RPM transmission turbine speed when a signal is provided to the "PTO Enable" circuit of the TCM by the PTO switch. This equates to 1200-1250 RPM or higher engine speed, depending on PTO load. Lock up will only come on in the "PARK" position. The lock up clutch does not come on automatically in "DRIVE" at 1100 RPM. Refer to the appropriate Owner's Manual for wiring installation.
3. The PTO torque ratings shown are based on the maximum allowable torque of 250 lb-ft at the 64 tooth gear in the transmission with the PTO on one opening only. With PTOs mounted on both openings the maximum allowable torque at the 64 tooth gear in the transmission is 200 lb-ft. For a more precise evaluation of your PTO application, refer to the Allison Body Builders Book, Section F, PTO Systems Provisions.
4. The 252 Series for MY2015 and later GM C/K series cab/chassis order wiring harness part number 75-P-33. For 2007-2014 order Chelsea part number 329620X. This harness must be ordered separately and is required for proper PTO to Engine interface operation. Refer to GM UI Bulletin #80.
5. Only the 12VDC option shifter can be used on this application.
6. The left PTO aperture opening on this application is not usable due to engine fuel lines blocking the opening.

ALL-18

1. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
2. The 267 Series is not available in the 3 arrangement with an XK output due to interference with the pressure lube fitting.
3. The 3700 and MD3070 have PTO availability on the left-side only. The right-side is utilized by OE equipment. The transfer case is integral to the transmission.
4. Do not use geared adapter assemblies on Allison 3000/4000 Series automatic transmissions.

ALL-19

1. The Right Side opening is located at approximately 1 O'clock when viewed from the rear. All PTOs mounted in this location require pressure lubrication.
2. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
3. The 267 Series is not available in the 3 arrangement with an XK output due to interference with the pressure lube fitting.
4. 892/899 Series - The combined weight of pump, fittings, and hoses should not exceed 120 Lbs. without required support brackets. Refer to Owner's Manual (HY25-1890-M1/US) for complete details.
5. Do not use geared adapter assemblies on Allison 3000/4000 Series automatic transmissions.

ALL-19C

1. The Right Side opening is located at approximately 1 O'clock when viewed from the rear. All PTOs mounted in this location require pressure lubrication.
2. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
3. The 267 Series is not available in the 3 arrangement with an XK output due to interference with the pressure lube fitting.
4. 892/899 Series - The combined weight of pump, fittings, and hoses should not exceed 120 Lbs. without required support brackets. Refer to Owner's Manual (HY25-1890-M1/US) for complete details.
5. Do not use geared adapter assemblies on Allison 3000/4000 Series automatic transmissions.

Allison Notes

ALL-19R

1. The Right Side opening is located at approximately 1 O'clock when viewed from the rear. All PTOs mounted in this location require pressure lubrication.
2. All models require a hose assembly. For the 267 Series, use 329130-1X for left side, 329130-6X for top right and 329130-4X for right side. THESE HOSE ASSEMBLIES MUST BE ORDERED SEPARATELY. For 281, 871/878 and 890/897 Series - all mounting hardware and hose assemblies are included with the unit.
3. The 267 Series is not available in the 3 arrangement with an XK output due to interference with the pressure lube fitting.
4. 892/899 SERIES - The combined weight of pump, fittings, and hoses should not exceed 120 Lbs. without required support brackets. Refer to Owner's Manual (HY25-1890-M1/US) for complete details.
5. Do not use geared adapter assemblies on Allison 3000/4000 Series automatic transmissions.

ALL-21

1. The PTO torque ratings shown are based on the maximum allowable torque of 250 lb-ft at the 64 tooth gear in the transmission with the PTO on one opening only. With PTOs mounted on both openings, the maximum allowable torque at the 64 tooth gear in the transmission is 200 lb-ft per PTO. Therefore, the 272 Series torque ratings will be adjusted as follows: A ratio = 235 lb-ft., B ratio = 192 lb-ft., C ratio = 159 lb-ft. and D ratio = 135 lb-ft. The 442 Series w/ Pressure Lube on both sides, PTO torque ratings will be as follows, B ratio = 208 lb-ft., F ratio = 135 lb-ft. For a more precise evaluation of your PTO application, refer to the Allison Body Builders Book, Section F, PTO Systems Provisions.
2. There is a torque converter lock up feature available with the 1000/2000/2400 series transmissions. The torque converter lock up feature comes on and is controlled by the Transmission Control Module (TCM) when a signal is provided to the "PTO Enable" circuit of the TCM by the PTO switch. Lock up will only come on in the "NEUTRAL" and "PARK" positions at 1100 RPM transmission turbine speed. This equates to 1200-1250 RPM or higher engine speed, depending on PTO load. The lock up clutch does not come on automatically in "DRIVE." Refer to the appropriate Owner's Manual for wiring installation.
3. 2019 GM 4500HD, 5500HD, 6500HD Chassis or International CV™ Series Chassis - If using the provided in-dash switch, use wiring harness 75-P-33 for either the 252 or 272 Series PTOs. This harness must be ORDERED SEPARATELY and is required for proper PTO to Engine interface operation.
4. FITMENT ISSUE - The 272G with a shaft-high (belly up) output WILL NOT fit on the 4500/5500 applications due to cab floor interference. The 272G shaft high housing may possibly fit on the 6500 chassis, but fitment must be verified before ordering PTO. Otherwise, the 272G shaft low is the only confirmed fit for all chassis.
5. For installation of PTO on right side opening, the exhaust must be temporarily removed. Please refer to the latest revision of GM upfitter Integration Bulletin #146 ("Partial Exhaust System Removal to Enable Installation of a PTO.") available at gmupfitter.com.
6. A lube T fitting is required in the oil return cooling line to supply low pressure oil to the idler shaft of the 252, 272, or 442 Series PTO. Lube T fitting 378970 is required and must be purchased separately. Return line U-bolt may need to be removed to make installation of T fitting easier. Installer is responsible for any required modifications necessary to reinstall U-bolt.
7. 442*B Ratio - DO NOT USE with Geared Adapter.
8. Geared Adapters - 626/630/645 listed on this application page are for the 442 (F Ratio Only) or 272. 442*F Ratio - Use 442ZFHV with (1) 7-A-140 filler block and (1) 328170-94X stud kit when mounting the PTO to one of the adapters listed. 272 - Use 272L*HV (deep mount) with (1) 7-A-140 and (1) 328170-94X. Use 35-P-41 gasket between transmission and adapter. Use filler block (1) 7-A-140 between the adapter and PTO with 35-P-1 or 2 shim gaskets to obtain .006"-.012" of backlash between the driver gears.
9. If the 442 Series is ordered with pressure lube, hose 328075X is supplied with the PTO, a restrictor orifice, 379896 (442*FHVP) or 379594 (442*BHVP) is required and is shipped with the PTO.
10. Limited Ratios - the G Ratio and above will not fit on this transmission due to adjacent interference with the input ratio gear. For D ratio, verify clearance prior to installation.

ALL-22

1. The PTO input gear mates to a transmission PTO idler gear, the top-left opening will have 48 teeth and the bottom-right opening will have 62 teeth.