



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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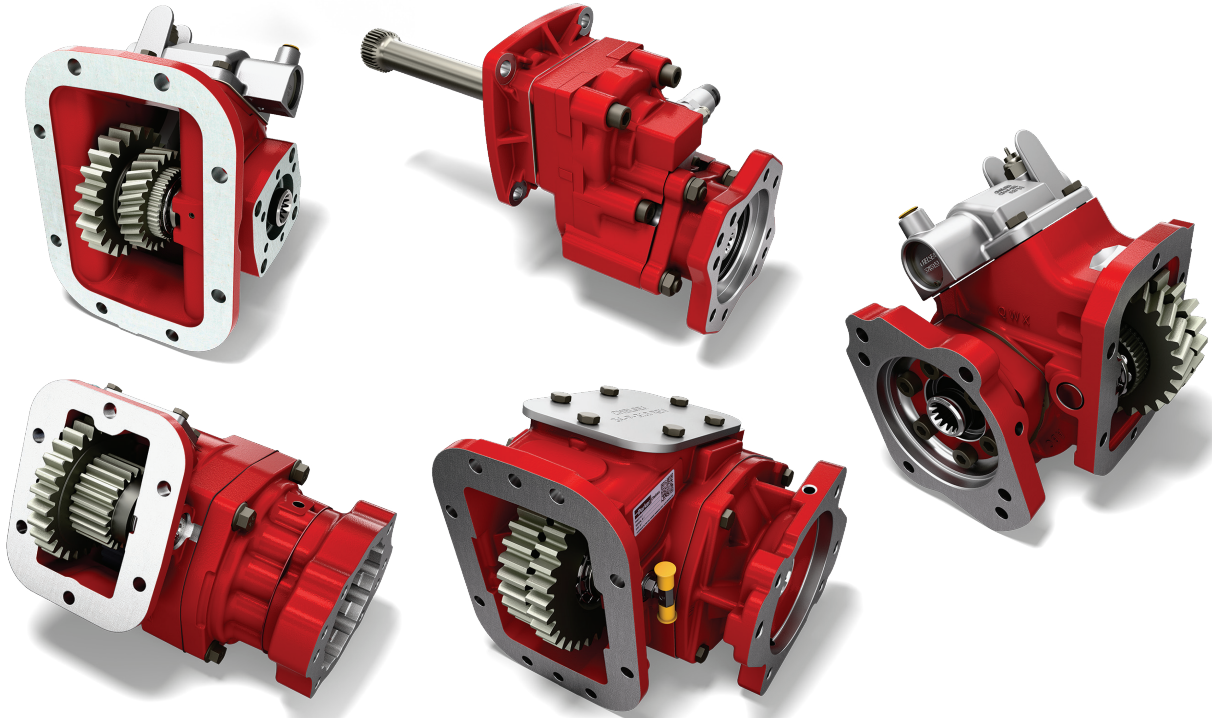
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MACK TRANSMISSION INDEX

Transmission Make and Model	PTO Appl. Number	Number Forward Speeds	Teeth in PTO Driver
D107	MAK-18	10	L37-R37
D1070	MAK-19	10	L37-R37
DX1070	MAK-16	6	L34-R34
DX1071	MAK-16	6	L34-R34
DX1078	MAK-16	6	L34-R34
DX10780	MAK-16	6	L34-R34
DX10781	MAK-16	6	L34-R34
G1070	MAK-19	7	L37-R37
QL7220	MAK-17	20	L38-R38
T107	MAK-18	6	L37-R37
T1070	MAK-19	12	L37-R37
T1070-B	MAK-19	12	L37-R37
T2050	MAK-25	5	L54-R54
T2050-C	MAK-29	5	L48-R48
T2060	MAK-25	6	L54-R54
T2060-C	MAK-29	6	L48-R48
T2070	MAK-25	7	L54-R54
T2070-A (Front Box)	MAK-25	7	L54-R54
T2070-A (Rear Box)	MAK-26	7	L49-R49
T2070-B (Front Box)	MAK-25	7	L54-R54
T2070-B (Rear Box)	MAK-26	7	L49-R49
T2070-C	MAK-29	7	L48-R48
T2070-D (Front Box)	MAK-29	7	L48-R48
T2070-D (Rear Box)	MAK-26	7	L49-R49
T2070-F	MAK-25	7	L54-R54
T2080	MAK-25	8	L54-R54
T2080-B (Front Box)	MAK-25	8	L54-R54
T2080-B (Rear Box)	MAK-26	8	L49-R49
T2080-C	MAK-29	8	L48-R48
T2080-D (Front Box)	MAK-29	8	L48-R48
T2080-D (Rear Box)	MAK-26	8	L49-R49
T2090	MAK-23	9	L54-R54
T2090-L	MAK-23	9	L54-R54
T2100	MAK-24	10	L54-R54
T2110-B (FRONT BOX FOR T2110B)	MAK-24	11	L54-R54
T2110-B (REAR BOX FOR T2110B)	MAK-31	11	L49-R49
T2130 (Front Box)	MAK-23	13	L54-R54
T2130 (Rear Box)	MAK-28	13	L49-R49



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.

MACK TRANSMISSION INDEX

Transmission Make and Model	PTO Appl. Number	Number Forward Speeds	Teeth in PTO Driver
T2130-B (Front Box)	MAK-23	13	L54-R54
T2130-B (Rear Box)	MAK-28	12	L49-R49
T2180 (Front Box)	MAK-23	18	L54-R54
T2180 (Rear Box)	MAK-27	18	L49-R49
T2180-B (Front Box)	MAK-23	18	L54-R54
T2180-B (Rear Box)	MAK-27	18	L49-R49
T305	MAK-25	5	L54-R54
T306	MAK-25	6	L54-R54
T307	MAK-25	7	L54-R54
T307M (Front Box)	MAK-25	7	L54-R54
T307M (Rear Box)	MAK-26	7	L49-R49
T308	MAK-25	8	L54-R54
T308M (Front Box)	MAK-25	8	L54-R54
T308M (Rear Box)	MAK-26	8	L49-R49
T309	MAK-23	9	L54-R54
T309L	MAK-23	9	L54-R54
T309LR	MAK-23	9	L54-R54
T310 (T310 is a standard 10-speed with no rear box)	MAK-32	10	L53-R53
T310-M (Front Box)	MAK-32	10	L53-R53
T310-M (Rear Box)	MAK-27	10	L49-R49
T310ME (Front box, same as T-310M, output flange extended for rear mount PTO)	MAK-32	10	L53-R53
T310ME (Rear box, same as T310M, output flange extended for rear mount PTO)	MAK-27	10	L49-R49
T310-MLR (Front Box)	MAK-23	10	L54-R54
T310-MLR (Rear Box)	MAK-27	10	L49-R49
T313H (Front Box)	MAK-23	13	L54-R54
T313H (Rear Box)	MAK-28	13	L49-R49
T313L (Front Box)	MAK-23	13	L54-R54
T313L (Rear Box)	MAK-28	13	L49-R49
T313L21 (Front Box)	MAK-23	13	L54-R54
T313L21 (Rear Box)	MAK-28	13	L49-R49
T313LR (Front Box)	MAK-23	13	L54-R54
T313LR (Rear Box)	MAK-28	13	L49-R49
T313LR21 (Front Box)	MAK-23	13	L54-R54
T313LR21 (Rear Box)	MAK-28	13	L49-R49
T318 (Front Box)	MAK-23	18	L54-R54
T318 (Rear Box)	MAK-27	18	L49-R49
T318L (Front Box)	MAK-23	18	L54-R54
T318L (Rear Box)	MAK-27	18	L49-R49



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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
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MACK TRANSMISSION INDEX

Transmission Make and Model	PTO Appl. Number	Number Forward Speeds	Teeth in PTO Driver
T318L21 (Front Box)	MAK-23	18	L54-R54
T318L21 (Rear Box)	MAK-27	18	L49-R49
T318LR (Front Box)	MAK-23	18	L54-R54
T318LR (Rear Box)	MAK-27	18	L49-R49
T318LR21 (Front Box)	MAK-23	18	L54-R54
T318LR21 (Rear Box)	MAK-27	18	L49-R49
TM308	MAK-33	8	L54-R54
TM308M (Front box)	MAK-23	8	L54-R54
TM308M (Rear Box)	MAK-26	8	L49-R49
TM309	MAK-33	9	L54-R54
TM309M (Front Box)	MAK-23	9	L54-R54
TM309M (Rear Box)	MAK-26	9	L49-R49
TMD12AD (MDrive) High Split Ratio	MAK-34H	12	CS
TMD12AD (MDrive) Low Ratio	MAK-34	12	CS
TMD12AFD (MDrive) High Split Ratio	MAK-34H	12	CS
TMD12AFD (MDrive) Low Ratio	MAK-34	12	CS
TMD12AFD-HD (MDrive) High Split Ratio	MAK-34H	12	CS
TMD12AFD-HD (MDrive) Low Ratio	MAK-34	12	CS
TMD12AFO (MDrive) High Split Ratio	MAK-35H	12	CS
TMD12AFO (MDrive) Low Ratio	MAK-35	12	CS
TMD12AFO-HD (MDrive) High Split Ratio	MAK-35H	12	CS
TMD12AFO-HD (MDrive) Low Ratio	MAK-35	12	CS
TMD12AO (MDrive) Low Ratio	MAK-35	12	CS
TMD12AO (MDrive) High Split Range	MAK-35H	12	CS
TMD13AD (MDrive) Low Ratio	MAK-34	13	CS
TMD13AD (MDrive) High Split Ratio	MAK-34H	13	CS
TMD13AFD-HD (MDrive) Low Ratio	MAK-34	13	CS
TMD13AFD-HD (MDrive) High Split Ratio	MAK-34H	13	CS
TMD13AFO-HD (MDrive) Low Ratio	MAK-35	13	CS
TMD13AFO-HD (MDrive) High Split Range	MAK-35H	13	CS
TMD13AO (MDrive) High Split Range	MAK-35H	13	CS
TMD13AO (MDrive) Low Ratio	MAK-35	13	CS
TMD14AFO-HD (MDrive) High Split Range	MAK-35H	14	CS
TMD14AFO-HD (MDrive) Low Ratio	MAK-35	14	CS
TMD14AO (MDrive) High Split Range	MAK-35H	14	CS
TMD14AO (MDrive) Low Ratio	MAK-35	14	CS
TR720-7220	MAK-17	5	L38-R38
TRD7250	MAK-17	10	L38-R38



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MACK TRANSMISSION INDEX

Transmission Make and Model	PTO Appl. Number	Number Forward Speeds	Teeth in PTO Driver
TRDL107	MAK-18	10	L37-R37
TRDL1070	MAK-19	10	L37-R37
TRDL720-7220	MAK-17	10	L38-R38
TRDLG1070	MAK-19	7	L37-R37
TRDX720-7220	MAK-17	10	L38-R38
TRDXL107	MAK-16	6	L34-R34
TRDXL1070	MAK-16	6	L34-R34
TRDXL1071	MAK-16	6	L34-R34
TRDXL1078	MAK-16	6	L34-R34
TRDXL10780	MAK-16	6	L34-R34
TRDXL10781	MAK-16	6	L34-R34
TRDXT720-7220	MAK-17	10	L38-R38
TRL107	MAK-22	5	L34-R34
TRL1076	MAK-16	5	L34-R34
TRL10760	MAK-20	5	L34-R34
TRL1078	MAK-16	5	L34-R34
TRL10780	MAK-20	5	L34-R34
TRQL7220	MAK-17	20	L38-R38
TRT720-7220	MAK-17	15	L38-R38
TRTL720-7220	MAK-17	15	L38-R38
TRTXL107	MAK-18	12	L37-R37
TRTXL1070	MAK-19	12	L37-R37
TRTXL1070-B	MAK-19	12	L37-R37



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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
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MACK TRANSMISSION INDEX

Transmission Make and Model	PTO Appl. Number	Number Forward Speeds	Teeth in PTO Driver
TRXL107	MAK-18	6	L37-R37
TRXL1070	MAK-21	6	L37-R37
TRXL1070-A	MAK-21	6	L37-R37
TRXL1071	MAK-18	6	L37-R37
TRXL10710	MAK-21	6	L37-R37
TRXL1071-A	MAK-18	6	L37-R37
TRXL1076	MAK-16	6	L34-R34
TRXL107-A	MAK-18	6	L37-R37
TX2060	MAK-25	7	L54-R54
X107	MAK-18	5	L37-R37
X1070	MAK-21	6	L37-R37
X1070-A	MAK-21	6	L37-R37
X1071	MAK-18	5	L37-R37
X10710	MAK-21	6	L37-R37
X10710-A	MAK-21	6	L37-R37
X1071-A	MAK-18	6	L37-R37
X107-A	MAK-18	6	L37-R37
X2060	MAK-25	7	L54-R54



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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
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MAK-16

DX1070 DX1071 DX1078 DX10780 DX10781 TRDXL107 TRDXL1070 TRDXL1071	TRDXL1078 TRDXL10780 TRDXL10781 TRL1076 TRL1078 TRXL1076		
LEFT SIDE ONLY		RIGHT SIDE ONLY	
TRANSMISSION GEAR DATA: L.S. 08-BOLT Opening Gear FORWARD of Centerline 34 Teeth - SPUR PITCH LINE TO APERTURE FACE: 0.8050" (20.4500 mm)		TRANSMISSION GEAR DATA: R.S. 06-BOLT Opening Gear FORWARD of Centerline 34 Teeth - SPUR PITCH LINE TO APERTURE FACE: 3.0850" (78.3600 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 - TWO GEAR - MECHANICAL SHIFT

489XAAHX-*5 (12)	250 I	Opp	28				Furnished	442KFAHX-*3 (2)	250 I	Eng	45			328530-1X	7170-16X
489XCAHX-*5 (13)	250 I	Opp	36				Furnished	442KHAHX-*3 (15)	250 I	Eng	52			328530-1X	7170-16X
489XFAHX-*5 (2)	250 I	Opp	45				Furnished	442KLAHX-*3 (1)	250 I	Eng	58			328530-1X	7170-16X
489XHAHX-*5 (15)	250 I	Opp	52				Furnished	442KQAHX-*3 (1)	225 I	Eng	62			328530-1X	7170-16X
489XLAHX-*5 (1)	250 I	Opp	58				Furnished	442KRAHX-*3 (1)	225 I	Eng	72			328530-1X	7170-16X
489XQAHX-*5 (1)	225 I	Opp	62				Furnished	442KSAHX-*3 (1)	200 I	Eng	86			328530-1X	7170-16X
489XRAHX-*5 (1)	225 I	Opp	72				Furnished	442KUAHX-*3 (1)	195 I	Eng	102			328530-1X	7170-16X
489XSAHX-*5 (1)	200 I	Opp	86				Furnished	442KWAHX-*3 (1)	175 I	Eng	121			328530-1X	7170-16X
489XUAHX-*5 (1)	195 I	Opp	102				Furnished	442KXAHX-*3 (1)	140 I	Eng	143			328530-1X	7170-16X
489XWAHX-*5 (1)	175 I	Opp	121				Furnished	660KHAHX-*3 (15)	375 I	Eng	52			328530-1X	7170-16X
489XXAHX-*5 (1)	140 I	Opp	143				Furnished								
680XFAHX-*5 (10)	375 I	Opp	45				Furnished								
680XHAHX-*5 (19)	375 I	Opp	52				Furnished								
680XQAHX-*5 (11)	375 I	Opp	62				Furnished								
680XRAHX-*5 (18)	350 I	Opp	72				Furnished								
680XSAHX-*5 (14)	325 I	Opp	86				Furnished								
823XBAHX-*3 (39)	500 I	Opp	30				Furnished								
823XDAHX-*3 (43)	500 I	Opp	36				Furnished								
823XGAHX-*3 (44)	500 I	Opp	36				Furnished								
823XJAHX-*3 (40)	500 I	Opp	46				Furnished								
823XMAHX-*3 (38)	500 I	Opp	54				Furnished								
823XRAHX-*3 (42)	400 I	Opp	75				Furnished								
823XTKTX-*3 (17)	372 I	Opp	90				7170-116X								
880XBAHX-*3 (3)	500 I	Opp	30		8-A-165		Furnished								
880XDAHX-*3 (4)	500 I	Opp	36				Furnished								
880XGAHX-*3 (9)	500 I	Opp	39				Furnished								
880XJAHX-*3 (5)	500 I	Opp	46				Furnished								
880XMAHX-*3 (6)	500 I	Opp	54				Furnished								
880XQAHX-*3 (16)	450 I	Opp	64				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: Do not use geared adapters with 442 A and C ratios.

- (1) Input Gear Part No. 5-P-1004
(2) Input Gear Part No. 5-P-1077
(3) Input Gear Part No. 5-P-1100
(4) Input Gear Part No. 5-P-1101
(5) Input Gear Part No. 5-P-1102
(6) Input Gear Part No. 5-P-1103

- (9) Input Gear Part No. 5-P-1135
(10) Input Gear Part No. 5-P-1242
(11) Input Gear Part No. 5-P-1246
(12) Input Gear Part No. 5-P-1280
(13) Input Gear Part No. 5-P-1287
(14) Input Gear Part No. 5-P-1322

- (15) Input Gear Part No. 5-P-1364
(16) Input Gear Part No. 5-P-1385
(17) Input Gear Part No. 5-P-1395
(18) Input Gear Part No. 5-P-1441
(19) Input Gear Part No. 5-P-1494
(38) Input Gear Part No. 5-P-283

- (39) Input Gear Part No. 5-P-285
(40) Input Gear Part No. 5-P-325
(42) Input Gear Part No. 5-P-721
(43) Input Gear Part No. 5-P-971
(44) Input Gear Part No. 5-P-980
(46) Furnished, but not required

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MAK-16

DX1070 DX1071 DX1078 DX10780 DX10781 TRDXL107 TRDXL1070 TRDXL1071	TRDXL1078 TRDXL10780 TRDXL10781 TRL1076 TRL1078 TRXL1076		
LEFT SIDE ONLY		RIGHT SIDE ONLY	
TRANSMISSION GEAR DATA: L.S. 08-BOLT Opening Gear FORWARD of Centerline 34 Teeth - SPUR PITCH LINE TO APERTURE FACE: 0.8050" (20.4500 mm)		TRANSMISSION GEAR DATA: R.S. 06-BOLT Opening Gear FORWARD of Centerline 34 Teeth - SPUR PITCH LINE TO APERTURE FACE: 3.0850" (78.3600 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 - TWO GEAR - MECHANICAL SHIFT

880XRAHX-*3 (7)	400 I	Opp	75			Furnished							
880XTAHX-*3 (8)	350 I	Opp	96			Furnished							

ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282XBAJX-*5 (20)	300 C	Opp	31	8-A-032		Furnished	272KAAJX-*3 (29)	300 C	Eng	25		328530-1X	7170-16X
282XCAJX-*5 (21)	300 C	Opp	37	8-A-032		Furnished	272KBAJX-*3 (30)	300 C	Eng	31		328530-1X	7170-16X
282XDAJX-*5 (22)	300 C	Opp	44	8-A-032		Furnished	272KCAJX-*3 (31)	300 C	Eng	37		328530-1X	7170-16X
282XGAJX-*5 (23)	300 C	Opp	52	8-A-032		Furnished	272KDAJX-*3 (32)	300 C	Eng	42		328530-1X	7170-16X
282XKAJX-*5 (24)	300 C	Opp	59	8-A-032		Furnished	272KGAJX-*3 (33)	300 C	Eng	52		328530-1X	7170-16X
282XMAJX-*5 (25)	300 C	Opp	66	8-A-032		Furnished	272KKAJX-*3 (34)	300 C	Eng	59		328530-1X	7170-16X
282XPAJX-*5 (26)	300 C	Opp	73	8-A-032		Furnished	272KMAJX-*3 (35)	300 C	Eng	66		328530-1X	7170-16X
282XSAJX-*5 (27)	300 C	Opp	82	8-A-032		Furnished	272KPAJX-*3 (36)	300 C	Eng	73		328530-1X	7170-16X
282XTAJX-*5 (28)	300 C	Opp	92	8-A-032		Furnished	272KSAJX-*3 (37)	300 C	Eng	82		328530-1X	7170-16X

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885XBAHX-*3 (3)	500 I	Opp	30			Furnished							
885XGAHX-*3 (9)	500 I	Opp	39			Furnished							
885XJAHX-*3 (5)	500 I	Opp	46			Furnished							
885XMAHX-*3 (6)	500 I	Opp	54			Furnished							

ONE SPEED - FORWARD & REVERSE

348ZFAHX-*5 (41)	200 I	Opp	39	41	8-A-093(T) 8-A-032(P)	Furnished	340XFAHX-*5 (41)	200 I	Eng	39	41	7-A-140(P)(45)	328530-1X	7170-16X
863XBAHX-*5	500 I	Opp	30	38		Furnished								

GEARED ADAPTERS

628XAHX-3AH	250 I	Eng				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: Do not use geared adapters with 442 A and C ratios.

(3) Input Gear Part No. 5-P-1100
(5) Input Gear Part No. 5-P-1102
(6) Input Gear Part No. 5-P-1103
(7) Input Gear Part No. 5-P-1104
(9) Input Gear Part No. 5-P-1105
(9) Input Gear Part No. 5-P-1135

(20) Input Gear Part No. 5-P-1510-11X
(21) Input Gear Part No. 5-P-1510-12X
(22) Input Gear Part No. 5-P-1510-13X
(23) Input Gear Part No. 5-P-1510-14X
(24) Input Gear Part No. 5-P-1510-15X
(25) Input Gear Part No. 5-P-1510-16X

(26) Input Gear Part No. 5-P-1510-17X
(27) Input Gear Part No. 5-P-1510-18X
(28) Input Gear Part No. 5-P-1510-19X
(29) Input Gear Part No. 5-P-1510-1X
(30) Input Gear Part No. 5-P-1510-2X
(31) Input Gear Part No. 5-P-1510-3X

(32) Input Gear Part No. 5-P-1510-4X
(33) Input Gear Part No. 5-P-1510-5X
(34) Input Gear Part No. 5-P-1510-6X
(35) Input Gear Part No. 5-P-1510-7X
(36) Input Gear Part No. 5-P-1510-8X
(37) Input Gear Part No. 5-P-1510-9X

(41) Input Gear Part No. 5-P-581
(45) Filler block furnished with PTO

CHELSEA®**MACK****MAK-17**

QL7220
TRDL720-7220
TRDX1720-7220
TRDX720-7220
TRD7250
TRQL7220
TRTL720-7220
TRT720-7220

TR720-7220

LEFT SIDE ONLY**RIGHT SIDE ONLY****TRANSMISSION GEAR DATA:**

L.S. 06-BOLT Opening Gear REAR of Centerline
38 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

3.0500" (77.4700 mm)

TRANSMISSION GEAR DATA:

R.S. 06-BOLT Opening Gear REAR of Centerline
38 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

3.0500" (77.4700 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 - TWO GEAR - MECHANICAL SHIFT

442KFABX-*6 (2)	250 I	Eng	75	7-A-032(T)	328530-2X	7170-16X	442KFABX-*4 (2)	250 I	Eng	75	7-A-032(T)	328530-2X	7170-16X
442KLABX-*6 (1)	250 I	Eng	97	7-A-032(T)	328530-2X	7170-16X	442KLABX-*4 (1)	250 I	Eng	97	7-A-032(T)	328530-2X	7170-16X
442KQABX-*6 (1)	225 I	Eng	104	7-A-032(T)	328530-2X	7170-16X	442KQABX-*4 (1)	225 I	Eng	104	7-A-032(T)	328530-2X	7170-16X
442KRABX-*6 (1)	225 I	Eng	121	7-A-032(T)	328530-2X	7170-16X	442KRABX-*4 (1)	225 I	Eng	121	7-A-032(T)	328530-2X	7170-16X
442KSABX-*6 (1)	200 I	Eng	144	7-A-032(T)	328530-2X	7170-16X	442KSABX-*4 (1)	200 I	Eng	144	7-A-032(T)	328530-2X	7170-16X
442KUABX-*6 (1)	195 I	Eng	172	7-A-032(T)	328530-2X	7170-16X	442KUABX-*4 (1)	195 I	Eng	172	7-A-032(T)	328530-2X	7170-16X
442KWABX-*6 (1)	175 I	Eng	202	7-A-032(T)	328530-2X	7170-16X	442KWABX-*4 (1)	175 I	Eng	202	7-A-032(T)	328530-2X	7170-16X
442KXABX-*6 (1)	140 I	Eng	239	7-A-032(T)	328530-2X	7170-16X	442KXABX-*4 (1)	140 I	Eng	239	7-A-032(T)	328530-2X	7170-16X

ONE SPEED - FORWARD & REVERSE

340XFABX-*4 (3)	200 I	Eng	68	72	7-A-140(P)(4) 7-A-032(T)	328530-2X	7170-16X	340XFABX-*4 (3)	200 I	Eng	68	72	7-A-140(P)(4) 7-A-032(T)	328530-2X	7170-16X
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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-1001
(2) Input Gear Part No. 5-P-1076
(3) Input Gear Part No. 5-P-579
(4) Filler block furnished with PTO

CHELSEA®

MACK

MAK-18

D107
TRDL107
TRTXL107
TRXL107
TRXL107-A
TRXL1071
TRXL1071-A
T107X107
X107-A
X1071
X1071-A

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
37 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.5700" (14.4800 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

2.8340" (71.9800 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 - TWO GEAR - MECHANICAL SHIFT

489KAAHX-*5 (12)	250 I	Opp	64	8-A-062 8-A-093		328170-8X	442KFAHX-*3 (2)	250 I	Eng	101	7-A-240(T)	328530-1X	328170-168X
489KCAHX-*5 (13)	250 I	Opp	81	8-A-062 8-A-093		328170-8X	442KHAHX-*3 (15)	250 I	Eng	117	7-A-240(T)	328530-1X	328170-168X
489KFAHX-*5 (2)	250 I	Opp	101	8-A-062 8-A-093		328170-8X	442KLAHX-*3 (1)	250 I	Eng	130	7-A-240(T)	328530-1X	328170-168X
489KHAHX-*5 (15)	250 I	Opp	117	8-A-062 8-A-093		328170-8X	442KQAHX-*3 (1)	225 I	Eng	140	7-A-240(T)	328530-1X	328170-168X
489KLAHX-*5 (1)	250 I	Opp	130	8-A-062 8-A-093		328170-8X	442KRAHX-*3 (1)	225 I	Eng	162	7-A-240(T)	328530-1X	328170-168X
489KQAHX-*5 (1)	225 I	Opp	140	8-A-062 8-A-093		328170-8X	442KSAHX-*3 (1)	200 I	Eng	193	7-A-240(T)	328530-1X	328170-168X
489KRAHX-*5 (1)	225 I	Opp	162	8-A-062 8-A-093		328170-8X	442KUAHX-*3 (1)	195 I	Eng	230	7-A-240(T)	328530-1X	328170-168X
489KSAHX-*5 (1)	200 I	Opp	193	8-A-062 8-A-093		328170-8X	442KWAHX-*3 (1)	175 I	Eng	271	7-A-240(T)	328530-1X	328170-168X
489KUAHX-*5 (1)	195 I	Opp	230	8-A-062 8-A-093		328170-8X	442KXAHX-*3 (1)	140 I	Eng	321	7-A-240(T)	328530-1X	328170-168X
489KWAHX-*5 (1)	175 I	Opp	271	8-A-062 8-A-093		328170-8X	660KHAHX-*3 (15)	375 I	Eng	117	7-A-240(T)	328530-1X	328170-168X
489KXAHX-*5 (1)	140 I	Opp	321	8-A-062 8-A-093		328170-8X							
680KFAHX-*5 (10)	375 I	Opp	101	8-A-062 8-A-093		328170-8X							
680KHAHX-*5 (18)	375 I	Opp	117	8-A-062 8-A-093		328170-8X							
680KQAHX-*5 (11)	375 I	Opp	140	8-A-062 8-A-093		328170-8X							
680KRAHX-*5 (17)	350 I	Opp	162	8-A-062 8-A-093		328170-8X							
680KSAHX-*5 (14)	325 I	Opp	193	8-A-062 8-A-093		328170-8X							

† 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: Do not use geared adapters with 442 A and C ratios.

(1) Input Gear Part No. 5-P-1004
(2) Input Gear Part No. 5-P-1077
(10) Input Gear Part No. 5-P-1242
(11) Input Gear Part No. 5-P-1246
(12) Input Gear Part No. 5-P-1280
(13) Input Gear Part No. 5-P-1287

(14) Input Gear Part No. 5-P-1322
(15) Input Gear Part No. 5-P-1364
(17) Input Gear Part No. 5-P-1441
(18) Input Gear Part No. 5-P-1494

CHELSEA®

MACK

MAK-18

D107 TRDL107 TRTXL107 TRXL107 TRXL107-A TRXL1071 TRXL1071-A T107	X107 X107-A X1071 X1071-A		
LEFT SIDE ONLY		RIGHT SIDE ONLY	
TRANSMISSION GEAR DATA: L.S. 08-BOLT Opening Gear FORWARD of Centerline 37 Teeth - SPUR PITCH LINE TO APERTURE FACE: 0.5700" (14.4800 mm)		TRANSMISSION GEAR DATA: R.S. 06-BOLT Opening Gear FORWARD of Centerline 37 Teeth - SPUR PITCH LINE TO APERTURE FACE: 2.8340" (71.9800 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 - TWO GEAR - MECHANICAL SHIFT

823XBAHX-*5 (38)	500 I	Opp	69	8-A-190		328170-14X
823XDAHX-*5 (42)	500 I	Opp	81	8-A-190		328170-14X
823XGAHX-*5 (43)	500 I	Opp	88	8-A-190		328170-14X
823XJAHX-*5 (39)	500 I	Opp	104	8-A-190		328170-14X
823XMAHX-*5 (37)	500 I	Opp	122	8-A-190		328170-14X
823XRAHX-*5 (41)	400 I	Opp	168	8-A-190		328170-14X
880KBAHX-*5 (3)	500 I	Opp	69	8-A-190		328170-14X
880KDAHX-*5 (4)	500 I	Opp	81	8-A-190		328170-14X
880KGAHX-*5 (9)	500 I	Opp	88	8-A-190		328170-14X
880KJAHX-*5 (5)	500 I	Opp	104	8-A-190		328170-14X
880KMAHX-*5 (6)	500 I	Opp	122	8-A-190		328170-14X
880KQAHX-*5 (16)	450 I	Opp	142	8-A-190		328170-14X
880KRAHX-*5 (7)	400 I	Opp	168	8-A-190		328170-14X
880KTAHX-*5 (8)	350 I	Opp	217	8-A-190		328170-14X

ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282KBAJX-*5 (19)	300 C	Opp	69	8-A-093(P) 8-A-032(T)	328170-8X	272KAAJX-*3 (28)	300 C	Eng	56	7-A-240(T)	328530-1X	328170-168X
282KCAJX-*5 (20)	300 C	Opp	83	8-A-093(P) 8-A-032(T)	328170-8X	272KBAJX-*3 (29)	300 C	Eng	69	7-A-240(T)	328530-1X	328170-168X
282KDAJX-*5 (21)	300 C	Opp	99	8-A-093(P) 8-A-032(T)	328170-8X	272KCAJX-*3 (30)	300 C	Eng	83	7-A-240(T)	328530-1X	328170-168X
282KGAJX-*5 (22)	300 C	Opp	118	8-A-093(P) 8-A-032(T)	328170-8X	272KDAJX-*3 (31)	300 C	Eng	94	7-A-240(T)	328530-1X	328170-168X
282KKAJX-*5 (23)	300 C	Opp	132	8-A-093(P) 8-A-032(T)	328170-8X	272KGAJX-*3 (32)	300 C	Eng	118	7-A-240(T)	328530-1X	328170-8X
282KMAJX-*5 (24)	300 C	Opp	148	8-A-093(P) 8-A-032(T)	328170-8X	272KKAJX-*3 (33)	300 C	Eng	132	7-A-240(T)	328530-1X	328170-8X
282KPAJX-*5 (25)	300 C	Opp	165	8-A-093(P) 8-A-032(T)	328170-8X	272KMAJX-*3 (34)	300 C	Eng	148	7-A-240(T)	328530-1X	328170-8X

† 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: Do not use geared adapters with 442 A and C ratios.

(3) Input Gear Part No. 5-P-1100
 (4) Input Gear Part No. 5-P-1101
 (5) Input Gear Part No. 5-P-1102
 (6) Input Gear Part No. 5-P-1103
 (7) Input Gear Part No. 5-P-1104
 (8) Input Gear Part No. 5-P-1105

(9) Input Gear Part No. 5-P-1135
 (16) Input Gear Part No. 5-P-1385
 (19) Input Gear Part No. 5-P-1510-11X
 (20) Input Gear Part No. 5-P-1510-12X
 (21) Input Gear Part No. 5-P-1510-13X
 (22) Input Gear Part No. 5-P-1510-14X

(23) Input Gear Part No. 5-P-1510-15X
 (24) Input Gear Part No. 5-P-1510-16X
 (25) Input Gear Part No. 5-P-1510-17X
 (28) Input Gear Part No. 5-P-1510-1X
 (29) Input Gear Part No. 5-P-1510-2X
 (30) Input Gear Part No. 5-P-1510-3X

(31) Input Gear Part No. 5-P-1510-4X
 (32) Input Gear Part No. 5-P-1510-5X
 (33) Input Gear Part No. 5-P-1510-6X
 (34) Input Gear Part No. 5-P-1510-7X
 (37) Input Gear Part No. 5-P-283
 (38) Input Gear Part No. 5-P-285

(39) Input Gear Part No. 5-P-325
 (41) Input Gear Part No. 5-P-721
 (42) Input Gear Part No. 5-P-971
 (43) Input Gear Part No. 5-P-980

CHELSEA®

MACK

MAK-18

D107
TRDL107
TRTXL107
TRXL107
TRXL107-A
TRXL1071
TRXL1071-A
T107X107
X107-A
X1071
X1071-A

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
37 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.5700" (14.4800 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

2.8340" (71.9800 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 - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282KSAJX-*5 (26)	271 C	Opp	184	8-A-093(P) 8-A-032(T)		328170-8X	272KPAJX-*3 (35)	300 C	Eng	165	7-A-240(T)	328530-1X	328170-168X
282KTAJX-*5 (27)	242 C	Opp	206	8-A-093(P) 8-A-032(T)		328170-8X	272KSAJX-*3 (36)	271 C	Eng	184	7-A-240(T)	328530-1X	328170-168X

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885XBAHX-*5 (3)	500 I	Opp	69	8-A-190		328170-14X							
885XGAHX-*5 (9)	500 I	Opp	88	8-A-190		328170-14X							
885XJAHX-*5 (5)	500 I	Opp	104	8-A-190		328170-14X							
885XMAHX-*5 (6)	500 I	Opp	122	8-A-190		328170-14X							

ONE SPEED - FORWARD & REVERSE

348XFAHX-*5 (40)	200 I	Opp	88	92	8-A-190(T)	328170-8X	340XFAHX-*5 (40)	200 I	Eng	88	92	7-A-140(P)(44)	328530-1X	328170-168X
863XBAHX-*5	500 I	Opp	69	85	8-A-190	328170-15X						7-A-240(T)		

GEARED ADAPTERS

628XAHX-3AH	250 I	Eng			8-A-190	328170-8X								
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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: Do not use geared adapters with 442 A and C ratios.

(3) Input Gear Part No. 5-P-1100
(5) Input Gear Part No. 5-P-1102
(6) Input Gear Part No. 5-P-1103
(9) Input Gear Part No. 5-P-1135
(26) Input Gear Part No. 5-P-1510-18X
(27) Input Gear Part No. 5-P-1510-19X

(35) Input Gear Part No. 5-P-1510-8X
(36) Input Gear Part No. 5-P-1510-9X
(40) Input Gear Part No. 5-P-581
(44) Filler block furnished with PTO

CHELSEA®

MACK

MAK-19

D1070
G1070
TRDLG1070
TRDL1070
TRTXL1070
TRTXL1070-B
T1070
T1070-B

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

0.3750" (9.5200 mm)

TRANSMISSION GEAR DATA:

R.S. 06-BOLT Opening Gear REAR of Centerline
37 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

2.8340" (71.9800 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 - TWO GEAR - MECHANICAL SHIFT															
489KFAHX-*6 (2)	250 I	Opp	129		8-A-062 8-A-093		328170-8X	442KFAHX-*4 (2)	250 I	Eng	129		7-A-240(T)	328530-1X	328170-168X
489KHAHX-*6 (13)	250 I	Opp	150		8-A-062 8-A-093		328170-8X	442KHAHX-*4 (13)	250 I	Eng	150		7-A-240(T)	328530-1X	328170-168X
489KLAHX-*6 (1)	250 I	Opp	168		8-A-062 8-A-093		328170-8X	442KLAHX-*4 (1)	250 I	Eng	168		7-A-240(T)	328530-1X	328170-168X
489KQAHX-*6 (1)	225 I	Opp	180		8-A-062 8-A-093		328170-8X	442KQAHX-*4 (1)	225 I	Eng	180		7-A-240(T)	328530-1X	328170-168X
489KRAHX-*6 (1)	225 I	Opp	209		8-A-062 8-A-093		328170-8X	442KRAHX-*4 (1)	225 I	Eng	209		7-A-240(T)	328530-1X	328170-168X
489KSAHX-*6 (1)	200 I	Opp	249		8-A-062 8-A-093		328170-8X	442KSAHX-*4 (1)	200 I	Eng	249		7-A-240(T)	328530-1X	328170-168X
489KUAHX-*6 (1)	195 I	Opp	296		8-A-062 8-A-093		328170-8X	442KUAHX-*4 (1)	195 I	Eng	296		7-A-240(T)	328530-1X	328170-168X
489KWAHX-*6 (1)	175 I	Opp	349		8-A-062 8-A-093		328170-8X	442KWAHX-*4 (1)	175 I	Eng	349		7-A-240(T)	328530-1X	328170-168X
489KXAHX-*6 (1)	140 I	Opp	412		8-A-062 8-A-093		328170-8X	442KXAHX-*4 (1)	140 I	Eng	412		7-A-240(T)	328530-1X	328170-168X
680KHAHX-*6 (16)	375 I	Opp	150		8-A-062 8-A-093		328170-8X	660KHAHX-*4 (13)	375 I	Eng	150		7-A-240(T)	328530-1X	328170-168X
680XFAHX-*6 (10)	375 I	Opp	129		8-A-062 8-A-093		328170-8X								
680XQAHX-*6 (11)	375 I	Opp	180		8-A-062 8-A-093		328170-8X								
680XRAHX-*6 (15)	350 I	Opp	209		8-A-062 8-A-093		328170-8X								
680XSAHX-*6 (12)	325 I	Opp	249		8-A-062 8-A-093		328170-8X								
823XBAHX-*6 (18)	500 I	Opp	88		8-A-190		328170-14X								
823XDAH-X-*6 (22)	500 I	Opp	104		8-A-190		328170-14X								
823XGAHX-*6 (23)	500 I	Opp	113		8-A-190		328170-14X								
823XJAHX-*6 (19)	500 I	Opp	133		8-A-190		328170-14X								

† 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: Do not use geared adapters with 442 A and C ratios.

(1) Input Gear Part No. 5-P-1004
(2) Input Gear Part No. 5-P-1077
(10) Input Gear Part No. 5-P-1242
(11) Input Gear Part No. 5-P-1246
(12) Input Gear Part No. 5-P-1322
(13) Input Gear Part No. 5-P-1364

(15) Input Gear Part No. 5-P-1441
(16) Input Gear Part No. 5-P-1494
(18) Input Gear Part No. 5-P-285
(19) Input Gear Part No. 5-P-325
(22) Input Gear Part No. 5-P-971
(23) Input Gear Part No. 5-P-980

CHELSEA®

MACK

MAK-19

D1070
G1070
TRDLG1070
TRDL1070
TRTXL1070
TRTXL1070-B
T1070
T1070-B

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

0.3750" (9.5200 mm)

TRANSMISSION GEAR DATA:

R.S. 06-BOLT Opening Gear REAR of Centerline
37 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

2.8340" (71.9800 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 - TWO GEAR - MECHANICAL SHIFT

823XMAHX-*6 (17)	500 I	Opp	157	8-A-190	328170-14X
823XRAHX-*6 (21)	400 I	Opp	216	8-A-190	328170-14X
880XBAHX-*6 (3)	500 I	Opp	88	8-A-190	328170-14X
880XDAHX-*6 (4)	500 I	Opp	104	8-A-190	328170-14X
880XGAHX-*6 (9)	500 I	Opp	113	8-A-190	328170-14X
880XJAHX-*6 (5)	500 I	Opp	133	8-A-190	328170-14X
880XMAHX-*6 (6)	500 I	Opp	157	8-A-190	328170-14X
880XQAHX-*6 (14)	450 I	Opp	183	8-A-190	328170-14X
880XRAHX-*6 (7)	400 I	Opp	216	8-A-190	328170-14X
880XTAHX-*6 (8)	350 I	Opp	279	8-A-190	328170-14X

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885XGAHX-*6 (9)	500 I	Opp	113	8-A-190	328170-14X
885XJAHX-*6 (5)	500 I	Opp	133	8-A-190	328170-14X
885XMAHX-*6 (6)	500 I	Opp	157	8-A-190	328170-14X

ONE SPEED - FORWARD & REVERSE

348XFAHX-*4 (20)	200 I	Opp	113	119	8-A-190(T)	328170-8X	340XFAHX-*4 (20)	200 I	Eng	113	119	7-A-140(P)(24)	328530-1X	328170-168X
863XBAHX-*4	500 I	Opp	88	109	8-A-190	328170-15X						7-A-240(T)		

GEARED ADAPTERS

628XAHX-3AH	250 I	Eng			8-A-190	328170-8X
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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: Do not use geared adapters with 442 A and C ratios.

(3) Input Gear Part No. 5-P-1100
(4) Input Gear Part No. 5-P-1101
(5) Input Gear Part No. 5-P-1102
(6) Input Gear Part No. 5-P-1103
(7) Input Gear Part No. 5-P-1104
(8) Input Gear Part No. 5-P-1105

(9) Input Gear Part No. 5-P-1135
(14) Input Gear Part No. 5-P-1385
(17) Input Gear Part No. 5-P-283
(20) Input Gear Part No. 5-P-581
(21) Input Gear Part No. 5-P-721
(24) Filler block furnished with PTO

CHELSEA®

MACK

MAK-20

TRL10760
TRL10780

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
34 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.8050" (20.4500 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

3.0850" (78.3600 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 - TWO GEAR - MECHANICAL SHIFT

489XAAHX-*5 (12)	250 I	Opp	46				Furnished	442KFAHX-*3 (2)	250 I	Eng	73		328530-1X	7170-16X
489XCAHX-*5 (13)	250 I	Opp	59				Furnished	442KHAHX-*3 (15)	250 I	Eng	85		328530-1X	7170-16X
489XFAHX-*5 (2)	250 I	Opp	73				Furnished	442KLAHX-*3 (1)	250 I	Eng	95		328530-1X	7170-16X
489XHAHX-*5 (15)	250 I	Opp	85				Furnished	442KQAHX-*3 (1)	225 I	Eng	102		328530-1X	7170-16X
489XLAHX-*5 (1)	250 I	Opp	95				Furnished	442KRAHX-*3 (1)	225 I	Eng	119		328530-1X	7170-16X
489XQAHX-*5 (1)	225 I	Opp	102				Furnished	442KSAHX-*3 (1)	200 I	Eng	141		328530-1X	7170-16X
489XRAHX-*5 (1)	225 I	Opp	119				Furnished	442KUAHX-*3 (1)	195 I	Eng	168		328530-1X	7170-16X
489XSAHX-*5 (1)	200 I	Opp	141				Furnished	442KWAHX-*3 (1)	175 I	Eng	198		328530-1X	7170-16X
489XUAHX-*5 (1)	195 I	Opp	168				Furnished	442KXAHX-*3 (1)	140 I	Eng	234		328530-1X	7170-16X
489XWAHX-*5 (1)	175 I	Opp	198				Furnished	660KHAHX-*3 (15)	375 I	Eng	85		328530-1X	7170-16X
489XXAHX-*5 (1)	140 I	Opp	234				Furnished							
680XFAHX-*5 (10)	375 I	Opp	73				Furnished							
680XHAHX-*5 (19)	375 I	Opp	85				Furnished							
680XQAHX-*5 (11)	375 I	Opp	102				Furnished							
680XRAHX-*5 (18)	350 I	Opp	119				Furnished							
680XSAHX-*5 (14)	325 I	Opp	141				Furnished							
823XBAHX-*3 (39)	500 I	Opp	50				Furnished							
823XDAHX-*3 (43)	500 I	Opp	60				Furnished							
823XGAHX-*3 (44)	500 I	Opp	65				Furnished							
823XJAHX-*3 (40)	500 I	Opp	76				Furnished							
823XMAHX-*3 (38)	500 I	Opp	89				Furnished							
823XRAHX-*3 (42)	400 I	Opp	123				Furnished							
823XTKTX-*5 (17)	350 I	Opp	149		8-A-165(45)		Furnished							
880XBAHX-*5 (3)	500 I	Opp	50				Furnished							
880XDAHX-*5 (4)	500 I	Opp	59				Furnished							
880XGAHX-*5 (9)	500 I	Opp	64				Furnished							
880XJAHX-*5 (5)	500 I	Opp	76				Furnished							
880XMAHX-*5 (6)	500 I	Opp	89				Furnished							
880XQAHX-*5 (16)	450 I	Opp	104				Furnished							
880XRAHX-*5 (7)	400 I	Opp	123				Furnished							
880XTAHX-*5 (8)	350 I	Opp	158				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:** Do not use geared adapters with 442 A and C ratios.(1) Input Gear Part No. 5-P-1004
(2) Input Gear Part No. 5-P-1077
(3) Input Gear Part No. 5-P-1100
(4) Input Gear Part No. 5-P-1101
(5) Input Gear Part No. 5-P-1102
(6) Input Gear Part No. 5-P-1103(7) Input Gear Part No. 5-P-1104
(8) Input Gear Part No. 5-P-1105
(9) Input Gear Part No. 5-P-1135
(10) Input Gear Part No. 5-P-1242
(11) Input Gear Part No. 5-P-1246
(12) Input Gear Part No. 5-P-1280(13) Input Gear Part No. 5-P-1287
(14) Input Gear Part No. 5-P-1322
(15) Input Gear Part No. 5-P-1364
(16) Input Gear Part No. 5-P-1385
(17) Input Gear Part No. 5-P-1395
(18) Input Gear Part No. 5-P-1441(19) Input Gear Part No. 5-P-1494
(38) Input Gear Part No. 5-P-283
(39) Input Gear Part No. 5-P-285
(40) Input Gear Part No. 5-P-325
(42) Input Gear Part No. 5-P-721
(43) Input Gear Part No. 5-P-971(44) Input Gear Part No. 5-P-980
(45) Filler block furnished with PTO

CHELSEA®

MACK

MAK-20

TRL10760
TRL10780

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:L.S. 08-BOLT Opening Gear FORWARD of Centerline
34 Teeth - SPUR**PITCH LINE TO APERTURE FACE:**

0.8050" (20.4500 mm)

TRANSMISSION GEAR DATA:R.S. 06-BOLT Opening Gear FORWARD of Centerline
34 Teeth - SPUR**PITCH LINE TO APERTURE FACE:**

3.0850" (78.3600 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 - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282XBAJX-*5 (20)	300 C	Opp	50	8-A-032		Furnished	272KAAJX-*3 (29)	300 C	Eng	41		328530-1X	7170-16X
282XCAJX-*5 (21)	300 C	Opp	61	8-A-032		Furnished	272KBAJX-*3 (30)	300 C	Eng	50		328530-1X	7170-16X
282XDAJX-*5 (22)	300 C	Opp	72	8-A-032		Furnished	272KCAJX-*3 (31)	300 C	Eng	61		328530-1X	7170-16X
282XGAJX-*5 (23)	300 C	Opp	86	8-A-032		Furnished	272KDAJX-*3 (32)	300 C	Eng	72		328530-1X	7170-16X
282XKAJX-*5 (24)	300 C	Opp	96	8-A-032		Furnished	272KGAJX-*3 (33)	300 C	Eng	86		328530-1X	7170-16X
282XMAJX-*5 (25)	300 C	Opp	108	8-A-032		Furnished	272KKAJX-*3 (34)	300 C	Eng	96		328530-1X	7170-16X
282XPAJX-*5 (26)	300 C	Opp	120	8-A-032		Furnished	272KMAJX-*3 (35)	300 C	Eng	108		328530-1X	7170-16X
282XSAJX-*5 (27)	300 C	Opp	135	8-A-032		Furnished	272KPAJX-*3 (36)	300 C	Eng	120		328530-1X	7170-16X
282XTAJX-*5 (28)	300 C	Opp	151	8-A-032		Furnished	272KSAJX-*3 (37))	300 C	Eng	135		328530-1X	7170-16X

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885XBAHX-*3 (3)	500 I	Opp	50			Furnished							
885XGAHX-*5 (9)	500 I	Opp	64			Furnished							
885XJAHX-*3 (5)	500 I	Opp	76			Furnished							
885XMAHX-*3 (6)	500 I	Opp	89			Furnished							

ONE SPEED - FORWARD & REVERSE

340SFAHX-*5 (41)	200 I	Opp	64	67	310778X	Furnished	340XFAHX-*5 (41)	200 I	Eng	64	67	7-A-140(P)(45)	328530-1X	7170-16X
863XBAHX-*5	500 I	Opp	50	62		Furnished								

GEARED ADAPTERS

628XAHX-4AH	250 I	Eng				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:** Do not use geared adapters with 442 A and C ratios.(3) Input Gear Part No. 5-P-1100
(5) Input Gear Part No. 5-P-1102
(6) Input Gear Part No. 5-P-1103
(9) Input Gear Part No. 5-P-1135
(20) Input Gear Part No. 5-P-1510-11X
(21) Input Gear Part No. 5-P-1510-12X(22) Input Gear Part No. 5-P-1510-13X
(23) Input Gear Part No. 5-P-1510-14X
(24) Input Gear Part No. 5-P-1510-15X
(25) Input Gear Part No. 5-P-1510-16X
(26) Input Gear Part No. 5-P-1510-17X
(27) Input Gear Part No. 5-P-1510-18X(28) Input Gear Part No. 5-P-1510-19X
(29) Input Gear Part No. 5-P-1510-1X
(30) Input Gear Part No. 5-P-1510-2X
(31) Input Gear Part No. 5-P-1510-3X
(32) Input Gear Part No. 5-P-1510-4X
(33) Input Gear Part No. 5-P-1510-5X(34) Input Gear Part No. 5-P-1510-6X
(35) Input Gear Part No. 5-P-1510-7X
(36) Input Gear Part No. 5-P-1510-8X
(37) Input Gear Part No. 5-P-1510-9X
(41) Input Gear Part No. 5-P-581
(45) Filler block furnished with PTO

CHELSEA®

MACK

MAK-21

TRXL1070
TRXL1070-A
TRXL10710
X1070
X1070-A
X10710
X10710-A

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
37 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.5700" (14.4800 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

2.8340" (71.9800 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 - TWO GEAR - MECHANICAL SHIFT

489KAAHX-*5 (12)	250 I	Opp	64	8-A-062 8-A-093		328170-8X	442KFAHX-*3 (2)	250 I	Eng	101	7-A-240(T)	328530-1X	328170-168X
489KCAHX-*5 (13)	250 I	Opp	81	8-A-062 8-A-093		328170-8X	442KHAHX-*3 (15)	250 I	Eng	117	7-A-240(T)	328530-1X	328170-168X
489KFAHX-*5 (2)	250 I	Opp	101	8-A-062 8-A-093		328170-8X	442KLAHX-*3 (1)	250 I	Eng	130	7-A-240(T)	328530-1X	328170-168X
489KHAHX-*5 (15)	250 I	Opp	117	8-A-062 8-A-093		328170-8X	442KQAHX-*3 (1)	225 I	Eng	140	7-A-240(T)	328530-1X	328170-168X
489KLAHX-*5 (1)	250 I	Opp	130	8-A-062 8-A-093		328170-8X	442KRAHX-*3 (1)	225 I	Eng	162	7-A-240(T)	328530-1X	328170-168X
489KQAHX-*5 (1)	225 I	Opp	140	8-A-062 8-A-093		328170-8X	442KSAHX-*3 (1)	200 I	Eng	193	7-A-240(T)	328530-1X	328170-168X
489KRAHX-*5 (1)	225 I	Opp	162	8-A-062 8-A-093		328170-8X	442KUAHX-*3 (1)	195 I	Eng	230	7-A-240(T)	328530-1X	328170-168X
489KSAHX-*5 (1)	200 I	Opp	193	8-A-062 8-A-093		328170-8X	442KWAHX-*3 (1)	175 I	Eng	271	7-A-240(T)	328530-1X	328170-168X
489KUAHX-*5 (1)	195 I	Opp	230	8-A-062 8-A-093		328170-8X	442KXAHX-*3 (1)	140 I	Eng	321	7-A-240(T)	328530-1X	328170-168X
489KWAHX-*5 (1)	175 I	Opp	271	8-A-062 8-A-093		328170-8X	660KHAHX-*3 (15)	375 I	Eng	117	7-A-240(T)	328530-1X	328170-168X
489KXAHX-*5 (1)	140 I	Opp	321	8-A-062 8-A-093		328170-8X							
680KHAHX-*5 (18)	375 I	Opp	117	8-A-062 8-A-093		328170-8X							
680KFAHX-*5 (10)	375 I	Opp	101	8-A-062 8-A-093		328170-8X							
680KQAHX-*5 (11)	375 I	Opp	140	8-A-062 8-A-093		328170-8X							

† 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: Do not use geared adapters with 442 A and C ratios.

(1) Input Gear Part No. 5-P-1004
(2) Input Gear Part No. 5-P-1077
(10) Input Gear Part No. 5-P-1242
(11) Input Gear Part No. 5-P-1246
(12) Input Gear Part No. 5-P-1280
(13) Input Gear Part No. 5-P-1287

(15) Input Gear Part No. 5-P-1364
(18) Input Gear Part No. 5-P-1494
(44) Filler block furnished with PTO

CHELSEA®

MACK

MAK-21

TRXL1070
TRXL1070-A
TRXL10710
X1070
X1070-A
X10710
X10710-A

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
37 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.5700" (14.4800 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

2.8340" (71.9800 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 - TWO GEAR - MECHANICAL SHIFT

680XRAHX-*5 (17)	350 I	Opp	162	8-A-062 8-A-093		328170-8X							
680XSAHX-*5 (14)	325 I	Opp	193	8-A-062 8-A-093		328170-8X							
823XBAHX-*3 (38)	500 I	Opp	69	8-A-190		328170-14X							
823XDAHX-*3 (42)	500 I	Opp	81	8-A-190		328170-14X							
823XGAHX-*3 (43)	500 I	Opp	88	8-A-190		328170-14X							
823XJAHX-*3 (39)	500 I	Opp	104	8-A-190		328170-14X							
823XMAHX-*3 (37)	500 I	Opp	122	8-A-190		328170-14X							
823XRAHX-*3 (41)	400 I	Opp	168	8-A-190		328170-14X							
880XBAHX-*3 (3)	500 I	Opp	69	8-A-190		328170-14X							
880XDAHX-*3 (4)	500 I	Opp	81	8-A-190		328170-14X							
880XGAHX-*3 (9)	500 I	Opp	88	8-A-190		328170-14X							
880XJAHX-*3 (5)	500 I	Opp	104	8-A-190		328170-14X							
880XMAHX-*3 (6)	500 I	Opp	122	8-A-190		328170-14X							
880XGAHX-*3 (16)	450 I	Opp	142	8-A-190		328170-14X							
880XRAHX-*3 (7)	400 I	Opp	168	8-A-190		328170-14X							
880XTAHX-*3 (8)	350 I	Opp	217	8-A-190		328170-14X							

ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282KBAJX-*5 (19)	300 C	Opp	69	8-A-062(T) 8-A-032		328170-8X	272KAAJX-*3 (28)	300 C	Eng	56	7-A-240(T)	328530-1X	328170-168X
282KCAJX-*5 (20)	300 C	Opp	83	8-A-062(T) 8-A-032		328170-8X	272KBAJX-*3 (29)	300 C	Eng	69	7-A-240(T)	328530-1X	328170-168X
282KDAJX-*5 (21)	300 C	Opp	99	8-A-062(T) 8-A-032		328170-8X	272KCAJX-*3 (30)	300 C	Eng	83	7-A-240(T)	328530-1X	328170-168X
282KGAJX-*5 (22)	300 C	Opp	118	8-A-062(T) 8-A-032		328170-8X	272KDAJX-*3 (31)	300 C	Eng	99	7-A-240(T)	328530-1X	328170-168X
282KKAJX-*5 (23)	300 C	Opp	132	8-A-062(T) 8-A-032		328170-8X	272KGAJX-*3 (32)	300 C	Eng	118	7-A-240(T)	328530-1X	328170-168X
282KMAJX-*5 (24)	300 C	Opp	148	8-A-062(T) 8-A-032		328170-8X	272KKAJX-*3 (33)	300 C	Eng	132	7-A-240(T)	328530-1X	328170-168X

† 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: Do not use geared adapters with 442 A and C ratios.

(3) Input Gear Part No. 5-P-1100
(4) Input Gear Part No. 5-P-1101
(5) Input Gear Part No. 5-P-1102
(6) Input Gear Part No. 5-P-1103
(7) Input Gear Part No. 5-P-1104
(8) Input Gear Part No. 5-P-1105

(9) Input Gear Part No. 5-P-1135
(14) Input Gear Part No. 5-P-1322
(16) Input Gear Part No. 5-P-1385
(17) Input Gear Part No. 5-P-1441
(19) Input Gear Part No. 5-P-1510-11X
(20) Input Gear Part No. 5-P-1510-12X

(21) Input Gear Part No. 5-P-1510-13X
(22) Input Gear Part No. 5-P-1510-14X
(23) Input Gear Part No. 5-P-1510-15X
(24) Input Gear Part No. 5-P-1510-16X
(28) Input Gear Part No. 5-P-1510-1X
(29) Input Gear Part No. 5-P-1510-2X

(30) Input Gear Part No. 5-P-1510-3X
(31) Input Gear Part No. 5-P-1510-4X
(32) Input Gear Part No. 5-P-1510-5X
(33) Input Gear Part No. 5-P-1510-6X
(37) Input Gear Part No. 5-P-283
(38) Input Gear Part No. 5-P-285

(39) Input Gear Part No. 5-P-325
(41) Input Gear Part No. 5-P-721
(42) Input Gear Part No. 5-P-971
(43) Input Gear Part No. 5-P-980

CHELSEA®

MACK

MAK-21

TRXL1070
TRXL1070-A
TRXL10710
X1070
X1070-A
X10710
X10710-A

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
37 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.5700" (14.4800 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

2.8340" (71.9800 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 - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282KPAJX-*5 (25)	300 C	Opp	165	8-A-062(T) 8-A-032		328170-8X	272KMAJX-*3 (34)	300 C	Eng	148	7-A-240(T)	328530-1X	328170-168X
282KSAJX-*5 (26)	271 C	Opp	184	8-A-062(T) 8-A-032		328170-8X	272KPAJX-*3 (35)	300 C	Eng	165	7-A-240(T)	328530-1X	328170-168X
282KTAJX-*5 (27)	242 C	Opp	206	8-A-062(T) 8-A-032		328170-8X	272KSAJX-*3 (36)	271 C	Eng	184	7-A-240(T)	328530-1X	328170-168X

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885XBAHX-*3 (3)	500 I	Opp	69	8-A-190		328170-14X							
885XGAHX-*3 (9)	500 I	Opp	88	8-A-190		328170-14X							
885XJAHX-*3 (5)	500 I	Opp	104	8-A-190		328170-14X							
885XMAHX-*3 (6)	500 I	Opp	122	8-A-190		328170-14X							

ONE SPEED - FORWARD & REVERSE

340XFAHX-*5 (40)	200 I	Opp	88	92	7-A-140(P)(44)	328564X	Furnished	340XFAHX-*5 (40)	200 I	Eng	88	92	7-A-140(P)(44)	328530-1X	328170-168X
863XBAHX-*5	500 I	Opp	69	85	8-A-190		328170-15X						7-A-240(T)		

GEARED ADAPTERS

628XAHX-4AH	250 I	Eng			8-A-190		328170-8X								
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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: Do not use geared adapters with 442 A and C ratios.

(3) Input Gear Part No. 5-P-1100
(5) Input Gear Part No. 5-P-1102
(6) Input Gear Part No. 5-P-1103
(9) Input Gear Part No. 5-P-1135
(25) Input Gear Part No. 5-P-1510-17X
(26) Input Gear Part No. 5-P-1510-18X

(27) Input Gear Part No. 5-P-1510-19X
(34) Input Gear Part No. 5-P-1510-7X
(35) Input Gear Part No. 5-P-1510-8X
(36) Input Gear Part No. 5-P-1510-9X
(40) Input Gear Part No. 5-P-581
(44) Filler block furnished with PTO

CHELSEA®

MACK

MAK-22

TRL107

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
34 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.6250" (15.8800 mm)

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

3.0850" (78.3600 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 - TWO GEAR - MECHANICAL SHIFT

489XAAHX-*5 (10)	250 I	Opp	28			Furnished	442KFAHX-*3 (2)	250 I	Eng	45		328530-1X	7170-16X
489XCAHX-*5 (11)	250 I	Opp	36			Furnished	442KHAHX-*3 (13)	250 I	Eng	72		328530-1X	7170-16X
489XFAHX-*5 (2)	250 I	Opp	45			Furnished	442KLAHX-*3 (1)	250 I	Eng	58		328530-1X	7170-16X
489XHAHX-*5 (13)	250 I	Opp	72			Furnished	442KQAHX-*3 (1)	225 I	Eng	62		328530-1X	7170-16X
489XLAHX-*5 (1)	250 I	Opp	58			Furnished	442KRAHX-*3 (1)	225 I	Eng	72		328530-1X	7170-16X
489XQAHX-*5 (1)	225 I	Opp	62			Furnished	442KSAHX-*3 (1)	200 I	Eng	86		328530-1X	7170-16X
489XRAHX-*5 (1)	225 I	Opp	72			Furnished	442KUAHX-*3 (1)	195 I	Eng	102		328530-1X	7170-16X
489XSAHX-*5 (1)	200 I	Opp	86			Furnished	442KWAHX-*3 (1)	175 I	Eng	121		328530-1X	7170-16X
489XUAHX-*5 (1)	195 I	Opp	102			Furnished	442KXAHX-*3 (1)	140 I	Eng	143		328530-1X	7170-16X
489XWAHX-*5 (1)	175 I	Opp	121			Furnished	660KHAHX-*3 (13)	375 I	Eng	72		328530-1X	7170-16X
489XXAHX-*5 (1)	140 I	Opp	143			Furnished							
680XFAHX-*5 (8)	375 I	Opp	45			Furnished							
680XHAHX-*5 (17)	375 I	Opp	72			Furnished							
680XQAHX-*5 (9)	375 I	Opp	62			Furnished							
680XRAHX-*5 (16)	350 I	Opp	72			Furnished							
680XSAHX-*5 (12)	325 I	Opp	86			Furnished							
823XBAHX-*3 (37)	500 I	Opp	30			Furnished							
823XDAHX-*3 (41)	500 I	Opp	36			Furnished							
823XGAHX-*3 (42)	500 I	Opp	39			Furnished							
823XJAHX-*3 (38)	500 I	Opp	46			Furnished							
823XMAHX-*3 (36)	500 I	Opp	54			Furnished							
823XRAHX-*3 (40)	400 I	Opp	75			Furnished							
823XTKTX-*3 (15)	350 I	Opp	90	8-A-165(43)		Furnished							
880XBAHX-*3 (3)	500 I	Opp	30			Furnished							
880XJAHX-*3 (4)	500 I	Opp	46			Furnished							
880XMAHX-*3 (5)	500 I	Opp	54			Furnished							
880XQAHX-*3 (14)	450 I	Opp	64			Furnished							
880XRAHX-*3 (6)	400 I	Opp	75			Furnished							
880XTAHX-*3 (7)	350 I	Opp	96			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-1004
(2) Input Gear Part No. 5-P-1077
(3) Input Gear Part No. 5-P-1100
(4) Input Gear Part No. 5-P-1102
(5) Input Gear Part No. 5-P-1103
(6) Input Gear Part No. 5-P-1104

- (7) Input Gear Part No. 5-P-1105
(8) Input Gear Part No. 5-P-1242
(9) Input Gear Part No. 5-P-1246
(10) Input Gear Part No. 5-P-1280
(11) Input Gear Part No. 5-P-1287
(12) Input Gear Part No. 5-P-1322

- (13) Input Gear Part No. 5-P-1364
(14) Input Gear Part No. 5-P-1385
(15) Input Gear Part No. 5-P-1395
(16) Input Gear Part No. 5-P-1441
(17) Input Gear Part No. 5-P-1494
(36) Input Gear Part No. 5-P-283

- (37) Input Gear Part No. 5-P-285
(38) Input Gear Part No. 5-P-325
(40) Input Gear Part No. 5-P-721
(41) Input Gear Part No. 5-P-971
(42) Input Gear Part No. 5-P-980
(43) Filler block furnished with PTO

CHELSEA®

MACK

MAK-22

TRL107

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
34 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.6250" (15.8800 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

3.0850" (78.3600 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 - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)													
282XBAJX-*5 (18)	300 C	Opp	31	8-A-032		Furnished	272KAAJX-*3 (27)	300 C	Eng	25		328530-1X	7170-16X
282XCAJX-*5 (19)	300 C	Opp	37	8-A-032		Furnished	272KBAJX-*3 (28)	300 C	Eng	31		328530-1X	7170-16X
282XDAJX-*5 (20)	300 C	Opp	44	8-A-032		Furnished	272KCAJX-*3 (29)	300 C	Eng	37		328530-1X	7170-16X
282XGAJX-*5 (21)	300 C	Opp	52	8-A-032		Furnished	272KDAJX-*3 (30)	300 C	Eng	44		328530-1X	7170-16X
282XKAJX-*5 (22)	300 C	Opp	59	8-A-032		Furnished	272KGAJX-*3 (31)	300 C	Eng	52		328530-1X	7170-16X
282XMAJX-*5 (23)	300 C	Opp	66	8-A-032		Furnished	272KKAJX-*3 (32)	300 C	Eng	59		328530-1X	7170-16X
282XPAJX-*5 (24)	300 C	Opp	73	8-A-032		Furnished	272KMAJX-*3 (33)	300 C	Eng	66		328530-1X	7170-16X
282XSAJX-*5 (25)	300 C	Opp	82	8-A-032		Furnished	272KPAJX-*3 (34)	300 C	Eng	73		328530-1X	7170-16X
282XTAJX-*5 (26)	300 C	Opp	92	8-A-032		Furnished	272KSAJX-*3 (35)	300 C	Eng	82		328530-1X	7170-16X
ONE SPEED - TWO GEAR - POWERSHIFT (AIR)													
885XBAHX-*3 (3)	500 I	Opp	30			Furnished							
885XJAHX-*3 (4)	500 I	Opp	46			Furnished							
885XMAHX-*3 (5)	500 I	Opp	54			Furnished							
ONE SPEED - FORWARD & REVERSE													
340SFAHX-*5 (39)	200 I	Opp	39	41	310778X	Furnished	340XFAHX-*5 (39)	200 I	Eng	39	41	7-A-140(P)(43)	328530-1X 7170-16X
863XBAHX-*5	500 I	Opp	30	38		Furnished							
GEARED ADAPTERS													
628XAHX-4AH	250 I	Eng				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.

(3) Input Gear Part No. 5-P-1100
(4) Input Gear Part No. 5-P-1102
(5) Input Gear Part No. 5-P-1103
(18) Input Gear Part No. 5-P-1510-11X
(19) Input Gear Part No. 5-P-1510-12X
(20) Input Gear Part No. 5-P-1510-13X

(21) Input Gear Part No. 5-P-1510-14X
(22) Input Gear Part No. 5-P-1510-15X
(23) Input Gear Part No. 5-P-1510-16X
(24) Input Gear Part No. 5-P-1510-17X
(25) Input Gear Part No. 5-P-1510-18X
(26) Input Gear Part No. 5-P-1510-19X

(27) Input Gear Part No. 5-P-1510-1X
(28) Input Gear Part No. 5-P-1510-2X
(29) Input Gear Part No. 5-P-1510-3X
(30) Input Gear Part No. 5-P-1510-4X
(31) Input Gear Part No. 5-P-1510-5X
(32) Input Gear Part No. 5-P-1510-6X

(33) Input Gear Part No. 5-P-1510-7X
(34) Input Gear Part No. 5-P-1510-8X
(35) Input Gear Part No. 5-P-1510-9X
(39) Input Gear Part No. 5-P-581
(43) Filler block furnished with PTO

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MAK-23

T2090 T2090-L T2130 (Front Box) T2130-B (Front Box) T2180 (Front Box) T2180-B (Front Box) T309 T309L	T309LR T310-MLR (Front Box) T313H (Front Box) T313L (Front Box) T313L21 (Front Box) T313LR (Front Box) T313LR21 (Front Box) T318 (Front Box)	T318L (Front Box) T318L21 (Front Box) T318LR (Front Box) T318LR21 (Front Box) TM308M (Front box) TM309M (Front Box)
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LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.8100" (20.5700 mm)

TRANSMISSION GEAR DATA:

R.S. 06-BOLT Opening Gear FORWARD of Centerline
54 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 - TWO GEAR - MECHANICAL SHIFT

489ZADAX-*5 (10)	250 I	Opp	59			Furnished	442XFAHX-*3 (3)	250 I	Eng	93		328554-2X	Furnished
489ZCDAX-*5 (11)	250 I	Opp	76			Furnished	442XHAHX-*3 (15)	250 I	Eng	109		328554-2X	Furnished
489ZFDAX-*5 (4)	250 I	Opp	94			Furnished	442XLAHX-*3 (1)	250 I	Eng	120		328554-2X	Furnished
489ZHDAX-*5 (15)	250 I	Opp	109			Furnished	442XQAHX-*3 (1)	225 I	Eng	130		328554-2X	Furnished
489ZLDAX-*5 (2)	250 I	Opp	121			Furnished	442XRAHX-*3 (1)	225 I	Eng	150		328554-2X	Furnished
489ZQDAX-*5 (2)	225 I	Opp	130			Furnished	442XSAHX-*3 (1)	200 I	Eng	179		328554-2X	Furnished
489ZRDAX-*5 (2)	225 I	Opp	151			Furnished	442XUAHX-*3 (1)	195 I	Eng	213		328554-2X	Furnished
489ZSDAX-*5 (2)	200 I	Opp	180			Furnished	442XWAHX-*3 (1)	175 I	Eng	250		328554-2X	Furnished
489ZUDAX-*5 (2)	195 I	Opp	214			Furnished	442XXAHX-*3 (1)	140 I	Eng	296		328554-2X	Furnished
489ZWDAX-*5 (2)	175 I	Opp	252			Furnished	442ZADAX-*3 (10)	250 I	Opp	59	7-A-062		Furnished
489ZXDAX-*5 (2)	140 I	Opp	298			Furnished	442ZCDAX-*3 (11)	250 I	Opp	76	7-A-062		Furnished
680ZFDAX-*5 (12)	375 I	Opp	94			Furnished	442ZFDAX-*3 (4)	250 I	Opp	94	7-A-062		Furnished
680ZQDAX-*5 (13)	375 I	Opp	130			Furnished	442ZHDAX-*3 (15)	250 I	Opp	109	7-A-062		Furnished
680ZSDAX-*5 (14)	325 I	Opp	180			Furnished	442ZLDAX-*3 (2)	250 I	Opp	121	7-A-062		Furnished
823XBDAX-*5 (35)	500 I	Opp	61			Furnished	442ZQDAX-*3 (2)	225 I	Opp	130	7-A-062		Furnished
823XMDAX-*5 (36)	500 I	Opp	108			Furnished	442ZRDAX-*3 (2)	225 I	Opp	151	7-A-062		Furnished
823XRDAX-*5 (37)	400 I	Opp	150			Furnished	442ZSDAX-*3 (2)	200 I	Opp	180	7-A-062		Furnished
880XBDAX-*5 (5)	500 I	Opp	61			Furnished	442ZUDAX-*3 (2)	195 I	Opp	214	7-A-062		Furnished
880XGDAX-*5 (9)	500 I	Opp	78			Furnished	442ZWDAX-*3 (2)	175 I	Opp	252	7-A-062		Furnished
880XMDAX-*5 (6)	500 I	Opp	108			Furnished	442ZXDAX-*3 (2)	140 I	Opp	298	7-A-062		Furnished
880XRDAX-*5 (7)	400 I	Opp	150			Furnished	660XHAHX-*3 (15)	375 I	Eng	109		328554-2X	Furnished
880XTDAX-*5 (8)	350 I	Opp	193			Furnished	660ZFDAX-*3 (12)	375 I	Opp	94	7-A-062		Furnished
							660ZQDAX-*3 (13)	375 I	Opp	130	7-A-062		Furnished
							660ZSDAX-*3 (14)	325 I	Opp	180	7-A-062		Furnished

ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282XBDAX-*5 (16)	300 C	Opp	62			Furnished	272XADAX-*3 (25)	300 C	Opp	50			Furnished
282XCDAX-*5 (17)	300 C	Opp	75			Furnished	272XBDAX-*3 (26)	300 C	Opp	62			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: Do not use geared adapters with 442 A and C ratios.

- (1) Input Gear Part No. 5-P-1004
(2) Input Gear Part No. 5-P-1037
(3) Input Gear Part No. 5-P-1077
(4) Input Gear Part No. 5-P-1085
(5) Input Gear Part No. 5-P-1120
(6) Input Gear Part No. 5-P-1121

- (7) Input Gear Part No. 5-P-1122
(8) Input Gear Part No. 5-P-1123
(9) Input Gear Part No. 5-P-1174
(10) Input Gear Part No. 5-P-1284
(11) Input Gear Part No. 5-P-1291
(12) Input Gear Part No. 5-P-1330

- (13) Input Gear Part No. 5-P-1331
(14) Input Gear Part No. 5-P-1332
(15) Input Gear Part No. 5-P-1365
(16) Input Gear Part No. 5-P-1511-11X
(17) Input Gear Part No. 5-P-1511-12X
(25) Input Gear Part No. 5-P-1511-1X

- (26) Input Gear Part No. 5-P-1511-2X
(35) Input Gear Part No. 5-P-636
(36) Input Gear Part No. 5-P-637
(37) Input Gear Part No. 5-P-808
(38) Filler block furnished with PTO

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MAK-23

T2090 T2090-L T2130 (Front Box) T2130-B (Front Box) T2180 (Front Box) T2180-B (Front Box) T309 T309L	T309LR T310-MLR (Front Box) T313H (Front Box) T313L (Front Box) T313L21 (Front Box) T313LR (Front Box) T313LR21 (Front Box) T318 (Front Box)	T318L (Front Box) T318L21 (Front Box) T318LR (Front Box) T318LR21 (Front Box) TM308M (Front box) TM309M (Front Box)
LEFT SIDE ONLY		
TRANSMISSION GEAR DATA: L.S. 08-BOLT Opening Gear FORWARD of Centerline 54 Teeth - SPUR PITCH LINE TO APERTURE FACE: 0.8100" (20.5700 mm)		
RIGHT SIDE ONLY		
TRANSMISSION GEAR DATA: R.S. 06-BOLT Opening Gear FORWARD of Centerline 54 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
ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)													
282XDDAX-*5 (18)	300 C	Opp	89			Furnished	272XCDAX-*3 (27)	300 C	Opp	75			Furnished
282XGDAX-*5 (19)	300 C	Opp	106			Furnished	272XDDAX-*3 (28)	300 C	Opp	89			Furnished
282XKDAX-*5 (20)	300 C	Opp	119			Furnished	272XGDAX-*3 (29)	300 C	Opp	106			Furnished
282XMDAX-*5 (21)	300 C	Opp	133			Furnished	272XKDAX-*3 (30)	300 C	Opp	119			Furnished
282XPDAX-*5 (22)	300 C	Opp	148			Furnished	272XMDAX-*3 (31)	300 C	Opp	133			Furnished
282XSDAX-*5 (23)	300 C	Opp	166			Furnished	272XPDAX-*3 (32)	300 C	Opp	148			Furnished
282XTDAX-*5 (24)	269 C	Opp	186			Furnished	272XSDAX-*3 (33)	300 C	Opp	166			Furnished
ONE SPEED - POWERSHIFT LOW PROFILE (AIR OR HYDRAULIC)													
							272MADAX-*3 (25)	300 C	Opp	50			Furnished
							272MBDAX-*3 (26)	300 C	Opp	62			Furnished
							272MCDAX-*3 (27)	300 C	Opp	75			Furnished
							272MDDAX-*3 (28)	300 C	Opp	89			Furnished
							272MGDAX-*3 (29)	300 C	Opp	106			Furnished
							272MKDAX-*3 (30)	300 C	Opp	119			Furnished
							272MMDAX-*3 (31)	300 C	Opp	133			Furnished
							272MPDAX-*3 (32)	300 C	Opp	148			Furnished
							272MSDAX-*3 (33)	300 C	Opp	166			Furnished
ONE SPEED - TWO GEAR - POWERSHIFT (AIR)													
885XBDAX-*5 (5)	500 I	Opp	61			Furnished							
885XGDAX-*5 (9)	500 I	Opp	78			Furnished							
885XMDAX-*5 (6)	500 I	Opp	108			Furnished							
ONE SPEED - FORWARD & REVERSE													
348ZFDAX-*5 (34)	200 I	Opp	85	90		Furnished	340SFDAX-*5 (34)	200 I	Opp	85	90		Furnished
863XBDAX-*5 (35)	500 I	Opp	61	75		Furnished							
GEARED ADAPTERS													
628ZDAX-3DA	250 I	Eng				Furnished	626ZDAX-3DA	250 I	Eng		7-A-062		Furnished
							630ZDAX-3DA	250 I	Eng		7-A-062		Furnished
							645ZDAX-3DA	250 I	Eng		7-A-062		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: Do not use geared adapters with 442 A and C ratios.

(5) Input Gear Part No. 5-P-1120
(6) Input Gear Part No. 5-P-1121
(9) Input Gear Part No. 5-P-1174
(18) Input Gear Part No. 5-P-1511-13X
(19) Input Gear Part No. 5-P-1511-14X
(20) Input Gear Part No. 5-P-1511-15X

(21) Input Gear Part No. 5-P-1511-16X
(22) Input Gear Part No. 5-P-1511-17X
(23) Input Gear Part No. 5-P-1511-18X
(24) Input Gear Part No. 5-P-1511-19X
(25) Input Gear Part No. 5-P-1511-1X
(26) Input Gear Part No. 5-P-1511-2X

(27) Input Gear Part No. 5-P-1511-3X
(28) Input Gear Part No. 5-P-1511-4X
(29) Input Gear Part No. 5-P-1511-5X
(30) Input Gear Part No. 5-P-1511-6X
(31) Input Gear Part No. 5-P-1511-7X
(32) Input Gear Part No. 5-P-1511-8X

(33) Input Gear Part No. 5-P-1511-9X
(34) Input Gear Part No. 5-P-634
(35) Input Gear Part No. 5-P-636

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MAK-24

T2100
T2110-B (FRONT BOX FOR T2110B)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.8100" (20.5700 mm)

TRANSMISSION GEAR DATA:

R.S. 06-BOLT Opening Gear FORWARD of Centerline
54 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 - TWO GEAR - MECHANICAL SHIFT

489ZADAX-*5 (10)	250 I	Opp	55			Furnished	442XFAHX-*3 (3)	250 I	Eng	86		328554-2X	Furnished
489ZCDAX-*5 (11)	250 I	Opp	70			Furnished	442XHAHX-*3 (15)	250 I	Eng	101		328554-2X	Furnished
489ZFDAX-*5 (4)	250 I	Opp	87			Furnished	442XLAHX-*3 (1)	250 I	Eng	112		328554-2X	Furnished
489ZHDAX-*5 (15)	250 I	Opp	101			Furnished	442XQAHX-*3 (1)	225 I	Eng	120		328554-2X	Furnished
489ZLDAX-*5 (2)	250 I	Opp	113			Furnished	442XRAHX-*3 (1)	225 I	Eng	139		328554-2X	Furnished
489ZQDAX-*5 (2)	225 I	Opp	121			Furnished	442XSAHX-*3 (1)	200 I	Eng	166		328554-2X	Furnished
489ZRDAX-*5 (2)	225 I	Opp	140			Furnished	442XUAHX-*3 (1)	195 I	Eng	198		328554-2X	Furnished
489ZSDAX-*5 (2)	200 I	Opp	167			Furnished	442XWAHX-*3 (1)	175 I	Eng	233		328554-2X	Furnished
489ZUDAX-*5 (2)	195 I	Opp	199			Furnished	442XXAHX-*3 (1)	140 I	Eng	275		328554-2X	Furnished
489ZWDAX-*5 (2)	175 I	Opp	234			Furnished	442ZADAX-*3 (10)	250 I	Opp	55	7-A-062		Furnished
489ZXDAX-*5 (2)	140 I	Opp	277			Furnished	442ZCDAX-*3 (11)	250 I	Opp	70	7-A-062		Furnished
680ZFDAX-*5 (12)	375 I	Opp	87			Furnished	442ZFDAX-*3 (4)	250 I	Opp	87	7-A-062		Furnished
680ZQDAX-*5 (13)	375 I	Opp	121			Furnished	442ZHDAX-*3 (15)	250 I	Opp	101	7-A-062		Furnished
680ZSDAX-*5 (14)	325 I	Opp	167			Furnished	442ZLDAX-*3 (2)	250 I	Opp	113	7-A-062		Furnished
823XBDAX-*5 (35)	500 I	Opp	57			Furnished	442ZQDAX-*3 (2)	225 I	Opp	121	7-A-062		Furnished
823XMDAX-*5 (36)	500 I	Opp	101			Furnished	442ZRDAX-*3 (2)	225 I	Opp	140	7-A-062		Furnished
823XRDAX-*5 (37)	400 I	Opp	139			Furnished	442ZSDAX-*3 (2)	200 I	Opp	167	7-A-062		Furnished
880XBDAX-*5 (5)	500 I	Opp	57			Furnished	442ZUDAX-*3 (2)	195 I	Opp	199	7-A-062		Furnished
880XGDAX-*5 (9)	500 I	Opp	73			Furnished	442ZWDAX-*3 (2)	175 I	Opp	234	7-A-062		Furnished
880XMDAX-*5 (6)	500 I	Opp	101			Furnished	442ZXDAX-*3 (2)	140 I	Opp	277	7-A-062		Furnished
880XRDAX-*5 (7)	400 I	Opp	139			Furnished	660XHAHX-*3 (15)	375 I	Eng	101		328554-2X	Furnished
880XTDAX-*5 (8)	350 I	Opp	179			Furnished	660ZFDAX-*3 (12)	375 I	Opp	87	7-A-062		Furnished
							660ZQDAX-*3 (13)	375 I	Opp	121	7-A-062		Furnished
							660ZSDAX-*3 (14)	325 I	Opp	167	7-A-062		Furnished

ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282XBDAX-*5 (16)	300 I	Opp	57			Furnished	272XADAX-*3 (25)	300 C	Opp	47			Furnished
282XCDAX-*5 (17)	300 I	Opp	69			Furnished	272XBDAX-*3 (26)	300 C	Opp	57			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:** Do not use geared adapters with 442 A and C ratios.(1) Input Gear Part No. 5-P-1004
(2) Input Gear Part No. 5-P-1037
(3) Input Gear Part No. 5-P-1077
(4) Input Gear Part No. 5-P-1085
(5) Input Gear Part No. 5-P-1120
(6) Input Gear Part No. 5-P-1121(7) Input Gear Part No. 5-P-1122
(8) Input Gear Part No. 5-P-1123
(9) Input Gear Part No. 5-P-1174
(10) Input Gear Part No. 5-P-1284
(11) Input Gear Part No. 5-P-1291
(12) Input Gear Part No. 5-P-1330(13) Input Gear Part No. 5-P-1331
(14) Input Gear Part No. 5-P-1332
(15) Input Gear Part No. 5-P-1365
(16) Input Gear Part No. 5-P-1511-11X
(17) Input Gear Part No. 5-P-1511-12X
(25) Input Gear Part No. 5-P-1511-1X(26) Input Gear Part No. 5-P-1511-2X
(35) Input Gear Part No. 5-P-636
(36) Input Gear Part No. 5-P-637
(37) Input Gear Part No. 5-P-808
(38) Filler block furnished with PTO

CHELSEA®

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MAK-24

T2100
T2110-B (FRONT BOX FOR T2110B)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.8100" (20.5700 mm)

TRANSMISSION GEAR DATA:

R.S. 06-BOLT Opening Gear FORWARD of Centerline
54 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 - TWO GEAR - POWERSHIFT (AIR OR HYDRAULIC)

282XDDAX-*5 (18)	300 C	Opp	83			Furnished	272XCDAX-*3 (27)	300 C	Opp	69			Furnished
282XGDAX-*5 (19)	300 C	Opp	99			Furnished	272XDDAX-*3 (28)	300 C	Opp	83			Furnished
282XKDAX-*5 (20)	300 C	Opp	110			Furnished	272XGDAX-*3 (29)	300 C	Opp	99			Furnished
282XMDAX-*5 (21)	300 C	Opp	123			Furnished	272XKDAX-*3 (30)	300 C	Opp	110			Furnished
282XPDAX-*5 (22)	300 C	Opp	138			Furnished	272XMDAX-*3 (31)	300 C	Opp	123			Furnished
282XSDAX-*5 (23)	300 C	Opp	154			Furnished	272XPDAX-*3 (32)	300 C	Opp	138			Furnished
282XTDAX-*5 (24)	290 C	Opp	172			Furnished	272XSDAX-*3 (33)	300 C	Opp	154			Furnished

ONE SPEED - POWERSHIFT LOW PROFILE (AIR OR HYDRAULIC)

							272MADAX-*3 (25)	300 C	Opp	47			Furnished
							272MBDAX-*3 (26)	300 C	Opp	57			Furnished
							272MCDAX-*3 (27)	300 C	Opp	69			Furnished
							272MDDAX-*3 (28)	300 C	Opp	83			Furnished
							272MGDAX-*3 (29)	300 C	Opp	99			Furnished
							272MKDAX-*3 (30)	300 C	Opp	110			Furnished
							272MMDAX-*3 (31)	300 C	Opp	123			Furnished
							272MPDAX-*3 (32)	300 C	Opp	138			Furnished
							272MSDAX-*3 (33)	300 C	Opp	154			Furnished

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885XBDAX-*5 (5)	500 I	Opp	57			Furnished							
885XGDAX-*5 (9)	500 I	Opp	73			Furnished							
885XMDAX-*5 (6)	500 I	Opp	101			Furnished							

ONE SPEED - FORWARD & REVERSE

348ZFDAX-*5 (34)	200 I	Opp	79	83		Furnished	340SFDAX-*5 (34)	200 I	Opp	79	83		Furnished
863XBDAX-*5 (35)	500 I	Opp	57	70		Furnished							

GEARED ADAPTERS

628ZDAX-5DA	250 I	Eng				Furnished	626ZDAX-3DA	250 I	Eng			7-A-062	Furnished
							630ZDAX-3DA	250 I	Eng			7-A-062	Furnished
							645ZDAX-3DA	250 I	Eng			7-A-062	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: Do not use geared adapters with 442 A and C ratios.

(5) Input Gear Part No. 5-P-1120
(6) Input Gear Part No. 5-P-1121
(9) Input Gear Part No. 5-P-1174
(18) Input Gear Part No. 5-P-1511-13X
(19) Input Gear Part No. 5-P-1511-14X
(20) Input Gear Part No. 5-P-1511-15X

(21) Input Gear Part No. 5-P-1511-16X
(22) Input Gear Part No. 5-P-1511-17X
(23) Input Gear Part No. 5-P-1511-18X
(24) Input Gear Part No. 5-P-1511-19X
(25) Input Gear Part No. 5-P-1511-1X
(26) Input Gear Part No. 5-P-1511-2X

(27) Input Gear Part No. 5-P-1511-3X
(28) Input Gear Part No. 5-P-1511-4X
(29) Input Gear Part No. 5-P-1511-5X
(30) Input Gear Part No. 5-P-1511-6X
(31) Input Gear Part No. 5-P-1511-7X
(32) Input Gear Part No. 5-P-1511-8X

(33) Input Gear Part No. 5-P-1511-9X
(34) Input Gear Part No. 5-P-634
(35) Input Gear Part No. 5-P-636

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MAK-25

T2050 T2060 T2070 T2070-A (Front Box) T2070-B (Front Box) T2070-F T2080 T2080-B (Front Box)	T305 T306 T307 T307M (Front Box) T308 T308M (Front Box) TX2060 X2060		
LEFT SIDE ONLY		RIGHT SIDE ONLY	
TRANSMISSION GEAR DATA: L.S. 08-BOLT Opening Gear FORWARD of Centerline 54 Teeth - SPUR PITCH LINE TO APERTURE FACE: 0.8100" (20.5700 mm)		TRANSMISSION GEAR DATA: R.S. 06-BOLT Opening Gear FORWARD of Centerline 54 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 - TWO GEAR - MECHANICAL SHIFT

489ZADAX-*5 (8)	250 I	Opp	71			Furnished	442ZADAX-*3 (8)	250 I	Opp	71	7-A-062		Furnished
489ZCDAX-*5 (9)	250 I	Opp	90			Furnished	442ZCDAX-*3 (9)	250 I	Opp	90	7-A-062		Furnished
489ZFDAX-*5 (2)	250 I	Opp	112			Furnished	442ZFDAX-*3 (2)	250 I	Opp	112	7-A-062		Furnished
489ZHDAX-*5 (13)	250 I	Opp	130			Furnished	442ZHDAX-*3 (13)	250 I	Opp	130	7-A-062		Furnished
489ZLDAX-*5 (1)	250 I	Opp	144			Furnished	442ZLDAX-*3 (1)	250 I	Opp	144	7-A-062		Furnished
489ZQDAX-*5 (1)	225 I	Opp	156			Furnished	442ZQDAX-*3 (1)	225 I	Opp	156	7-A-062		Furnished
489ZRDAX-*5 (1)	225 I	Opp	180			Furnished	442ZRDAX-*3 (1)	225 I	Opp	180	7-A-062		Furnished
489ZSDAX-*5 (1)	200 I	Opp	214			Furnished	442ZSDAX-*3 (1)	200 I	Opp	214	7-A-062		Furnished
489ZUDAX-*5 (1)	195 I	Opp	255			Furnished	442ZUDAX-*3 (1)	195 I	Opp	255	7-A-062		Furnished
489ZWDAX-*5 (1)	175 I	Opp	301			Furnished	442ZWDAX-*3 (1)	175 I	Opp	301	7-A-062		Furnished
489ZXDAX-*5 (1)	140 I	Opp	356			Furnished	442ZXDAX-*3 (1)	140 I	Opp	356	7-A-062		Furnished
680ZFDAX-*5 (10)	375 I	Opp	112			Furnished	660ZFDAX-*3 (10)	375 I	Opp	112	7-A-062		Furnished
680ZQDAX-*5 (11)	375 I	Opp	156			Furnished	660ZQDAX-*3 (11)	375 I	Opp	156	7-A-062		Furnished
680ZSDAX-*5 (12)	325 I	Opp	214			Furnished	660ZSDAX-*3 (12)	325 I	Opp	214	7-A-062		Furnished
823XBDAX-*5 (33)	500 I	Opp	73			Furnished							
823XMDAX-*5 (34)	500 I	Opp	129			Furnished							
823XRDAX-*5 (35)	400 I	Opp	178			Furnished							
880XBDAX-*5 (3)	500 I	Opp	73			Furnished							
880XGDAX-*5 (7)	500 I	Opp	94			Furnished							
880XMDAX-*5 (4)	500 I	Opp	129			Furnished							
880XRDAX-*5 (5)	400 I	Opp	178			Furnished							
880XTDAX-*5 (6)	350 I	Opp	230			Furnished							

ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282XBDAX-*5 (15)	300 C	Opp	74			Furnished	272XADAX-*3 (24)	300 C	Opp	60			Furnished
282XCDAX-*5 (16)	300 C	Opp	89			Furnished	272XBDAX-*3 (25)	300 C	Opp	74			Furnished
282XDDAX-*5 (17)	300 C	Opp	107			Furnished	272XCDAX-*3 (26)	300 C	Opp	89			Furnished
282XGDAX-*5 (18)	300 C	Opp	127			Furnished	272XDDAX-*3 (14)	300 C	Opp	107			Furnished
282XKDX-*5 (19)	300 C	Opp	142			Furnished	272XGDAX-*3 (27)	300 C	Opp	127			Furnished
282XMDAX-*5 (20)	300 C	Opp	158			Furnished	272XKDX-*3 (28)	300 C	Opp	142			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: 272*S Ratio - Contact Chelsea Engineering for Application approval for continuous duty applications.

CAUTION: Do not use geared adapters with 442 A and C ratios.

(1) Input Gear Part No. 5-P-1037
(2) Input Gear Part No. 5-P-1085
(3) Input Gear Part No. 5-P-1120
(4) Input Gear Part No. 5-P-1121
(5) Input Gear Part No. 5-P-1122
(6) Input Gear Part No. 5-P-1123

(7) Input Gear Part No. 5-P-1174
(8) Input Gear Part No. 5-P-1284
(9) Input Gear Part No. 5-P-1291
(10) Input Gear Part No. 5-P-1330
(11) Input Gear Part No. 5-P-1331
(12) Input Gear Part No. 5-P-1332

(13) Input Gear Part No. 5-P-1365
(14) Input Gear Part No. 5-P-1510-4X
(15) Input Gear Part No. 5-P-1511-11X
(16) Input Gear Part No. 5-P-1511-12X
(17) Input Gear Part No. 5-P-1511-13X
(18) Input Gear Part No. 5-P-1511-14X

(19) Input Gear Part No. 5-P-1511-15X
(20) Input Gear Part No. 5-P-1511-16X
(24) Input Gear Part No. 5-P-1511-1X
(25) Input Gear Part No. 5-P-1511-2X
(26) Input Gear Part No. 5-P-1511-3X
(27) Input Gear Part No. 5-P-1511-5X

(28) Input Gear Part No. 5-P-1511-6X
(33) Input Gear Part No. 5-P-636
(34) Input Gear Part No. 5-P-637
(35) Input Gear Part No. 5-P-808

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MAK-25

T2050 T2060 T2070 T2070-A (Front Box) T2070-B (Front Box) T2070-F T2080 T2080-B (Front Box)	T305 T306 T307 T307M (Front Box) T308 T308M (Front Box) TX2060 X2060		
LEFT SIDE ONLY		RIGHT SIDE ONLY	
TRANSMISSION GEAR DATA: L.S. 08-BOLT Opening Gear FORWARD of Centerline 54 Teeth - SPUR PITCH LINE TO APERTURE FACE: 0.8100" (20.5700 mm)		TRANSMISSION GEAR DATA: R.S. 06-BOLT Opening Gear FORWARD of Centerline 54 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	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 - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)															
282XPDAX-*5 (21)	283 C	Opp	177				Furnished	272XMDAX-*3 (29)	300 C	Opp	158				Furnished
282XSDAX-*5 (22)	253 C	Opp	198				Furnished	272XPDAX-*3 (30)	283 C	Opp	177				Furnished
282XTDAX-*5 (23)	226 C	Opp	221				Furnished	272XSDAX-*3 (31)	253 C	Opp	198				Furnished
ONE SPEED - POWERSHIFT LOW PROFILE (AIR OR HYDRAULIC)															
								272MADAX-*3 (24)	300 C	Opp	60				Furnished
								272MBDAX-*3 (25)	300 C	Opp	74				Furnished
								272MCDAX-*3 (26)	300 C	Opp	89				Furnished
								272MDDAX-*3 (14)	300 C	Opp	107				Furnished
								272MGDAX-*3 (27)	300 C	Opp	127				Furnished
								272MKDAX-*3 (28)	300 C	Opp	142				Furnished
								272MMDAX-*3 (29)	300 C	Opp	158				Furnished
								272MPDAX-*3 (30)	283 C	Opp	177				Furnished
								272MSDAX-*3 (31)	253 C	Opp	198				Furnished
ONE SPEED - TWO GEAR - POWERSHIFT (AIR)															
885XBDAX-*5 (3)	500 I	Opp	73				Furnished								
885XGDAX-*5 (7)	500 I	Opp	94				Furnished								
885XMDAX-*5 (4)	500 I	Opp	129				Furnished								
ONE SPEED - FORWARD & REVERSE															
348ZFDAX-*5 (32)	200 I	Opp	102	107			Furnished	340SFDAX-*5 (32)	200 I	Opp	102	107			Furnished
863XBDAX-*5 (33)	500 I	Opp	73	90			Furnished								
GEARED ADAPTERS															
628ZDAX-3DA	250 I	Eng					Furnished	626ZDAX-3DA	250 I	Eng			7-A-062		Furnished
								630ZDAX-3DA	250 I	Eng			7-A-062		Furnished
								645ZDAX-3DA	250 I	Eng			7-A-062		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: 272*S Ratio - Contact Chelsea Engineering for Application approval for continuous duty applications.

CAUTION: Do not use geared adapters with 442 A and C ratios.

(3) Input Gear Part No. 5-P-1120
 (4) Input Gear Part No. 5-P-1121
 (7) Input Gear Part No. 5-P-1174
 (14) Input Gear Part No. 5-P-1510-4X
 (21) Input Gear Part No. 5-P-1511-17X
 (22) Input Gear Part No. 5-P-1511-18X

(23) Input Gear Part No. 5-P-1511-19X
 (24) Input Gear Part No. 5-P-1511-1X
 (25) Input Gear Part No. 5-P-1511-2X
 (26) Input Gear Part No. 5-P-1511-3X
 (27) Input Gear Part No. 5-P-1511-5X
 (28) Input Gear Part No. 5-P-1511-6X

(29) Input Gear Part No. 5-P-1511-7X
 (30) Input Gear Part No. 5-P-1511-8X
 (31) Input Gear Part No. 5-P-1511-9X
 (32) Input Gear Part No. 5-P-634
 (33) Input Gear Part No. 5-P-636

CHELSEA®

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MAK-26

T2070-A (Rear Box)
T2070-B (Rear Box)
T2070-D (Rear Box)
T2080-B (Rear Box)
T2080-D (Rear Box)
T307M (Rear Box)
T308M (Rear Box)
TM309M (Rear Box)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
49 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.6670" (16.9400 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

1.0550" (26.8000 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 - TWO GEAR - MECHANICAL SHIFT

489ZADAX-*5 (8)	250 I	Opp	78	8-A-062		328170-190X	442ZADAX-*3 (8)	250 I	Opp	78	7-A-140		Furnished
489ZCDAX-*5 (9)	250 I	Opp	100	8-A-062		328170-190X	442ZCDAX-*3 (9)	250 I	Opp	100	7-A-140		Furnished
489ZFDAX-*5 (2)	250 I	Opp	124	8-A-062		328170-190X	442ZFDAX-*3 (2)	250 I	Opp	124	7-A-140		Furnished
489ZHDAX-*5 (13)	250 I	Opp	144	8-A-062		328170-190X	442ZHDAX-*3 (13)	250 I	Opp	144	7-A-140		Furnished
489ZLDAX-*5 (1)	250 I	Opp	161	8-A-062		328170-190X	442ZLDAX-*3 (1)	250 I	Opp	161	7-A-140		Furnished
489ZQDAX-*5 (1)	225 I	Opp	173	8-A-062		328170-190X	442ZQDAX-*3 (1)	225 I	Opp	173	7-A-140		Furnished
489ZRDAX-*5 (1)	225 I	Opp	200	8-A-062		328170-190X	442ZRDAX-*3 (1)	225 I	Opp	200	7-A-140		Furnished
489ZSDAX-*5 (1)	200 I	Opp	238	8-A-062		328170-190X	442ZSDAX-*3 (1)	200 I	Opp	238	7-A-140		Furnished
489ZUDAX-*5 (1)	195 I	Opp	284	8-A-062		328170-190X	442ZUDAX-*3 (1)	195 I	Opp	284	7-A-140		Furnished
489ZWDAX-*5 (1)	175 I	Opp	334	8-A-062		328170-190X	442ZWDAX-*3 (1)	175 I	Opp	334	7-A-140		Furnished
489ZXDAX-*5 (1)	140 I	Opp	395	8-A-062		328170-190X	442ZXDAX-*3 (1)	140 I	Opp	395	7-A-140		Furnished
680ZFDAX-*5 (10)	375 I	Opp	124	8-A-062		328170-190X	660ZFDAX-*3 (10)	375 I	Opp	124	7-A-140		Furnished
680ZQDAX-*5 (11)	375 I	Opp	173	8-A-062		328170-190X	660ZQDAX-*3 (11)	375 I	Opp	173	7-A-140		Furnished
680ZSDAX-*5 (12)	325 I	Opp	238	8-A-062		328170-190X	660ZSDAX-*3 (12)	325 I	Opp	238	7-A-140		Furnished
823XBDAX-*5 (32)	500 I	Opp	81										
823XMDAX-*5 (33)	500 I	Opp	143			Furnished							
823XRDAX-*5 (34)	400 I	Opp	198			Furnished							
880XBDAX-*5 (3)	500 I	Opp	81			Furnished							
880XGDAX-*5 (7)	500 I	Opp	104			Furnished							
880XMDAX-*5 (4)	500 I	Opp	143			Furnished							
880XRDAX-*5 (5)	400 I	Opp	198			Furnished							
880XTDAX-*5 (6)	350 I	Opp	255			Furnished							

ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282XBDAX-*5 (14)	300 C	Opp	82	8-A-062		328170-190X	272XADAX-*3 (23)	300 C	Opp	67	7-A-032		Furnished
282XCDAX-*5 (15)	300 C	Opp	99	8-A-062		328170-190X	272XBDAX-*3 (24)	300 C	Opp	82	7-A-032		Furnished
282XDDAX-*5 (16)	300 C	Opp	118	8-A-062		328170-190X	272XCDAX-*3 (25)	300 C	Opp	99	7-A-032		Furnished
282XGDAX-*5 (17)	300 C	Opp	141	8-A-062		328170-190X	272XGDAX-*3 (26)	300 C	Opp	141	7-A-032		Furnished
282XKDAX-*5 (18)	300 C	Opp	157	8-A-062		328170-190X	272XKDAX-*3 (27)	300 C	Opp	157	7-A-032		Furnished
282XMDAX-*5 (19)	284 C	Opp	176	8-A-062		328170-190X	272XMDAX-*3 (28)	284 C	Opp	176	7-A-032		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: 272*S Ratio - Contact Chelsea Engineering for application approval for continuous duty applications.

CAUTION: Do not use geared adapters with 442 A and C ratios.

(1) Input Gear Part No. 5-P-1037
(2) Input Gear Part No. 5-P-1085
(3) Input Gear Part No. 5-P-1120
(4) Input Gear Part No. 5-P-1121
(5) Input Gear Part No. 5-P-1122
(6) Input Gear Part No. 5-P-1123

(7) Input Gear Part No. 5-P-1174
(8) Input Gear Part No. 5-P-1284
(9) Input Gear Part No. 5-P-1291
(10) Input Gear Part No. 5-P-1330
(11) Input Gear Part No. 5-P-1331
(12) Input Gear Part No. 5-P-1332

(13) Input Gear Part No. 5-P-1365
(14) Input Gear Part No. 5-P-1511-11X
(15) Input Gear Part No. 5-P-1511-12X
(16) Input Gear Part No. 5-P-1511-13X
(17) Input Gear Part No. 5-P-1511-14X
(18) Input Gear Part No. 5-P-1511-15X

(19) Input Gear Part No. 5-P-1511-16X
(23) Input Gear Part No. 5-P-1511-1X
(24) Input Gear Part No. 5-P-1511-2X
(25) Input Gear Part No. 5-P-1511-3X
(26) Input Gear Part No. 5-P-1511-5X
(27) Input Gear Part No. 5-P-1511-6X

(28) Input Gear Part No. 5-P-1511-7X
(32) Input Gear Part No. 5-P-636
(33) Input Gear Part No. 5-P-637
(34) Input Gear Part No. 5-P-808

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MAK-26

T2070-A (Rear Box)
T2070-B (Rear Box)
T2070-D (Rear Box)
T2080-B (Rear Box)
T2080-D (Rear Box)
T307M (Rear Box)
T308M (Rear Box)
TM309M (Rear Box)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
49 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.6670" (16.9400 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

1.0550" (26.8000 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 - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282XPDAx-*5 (20)	254 C	Opp	197	8-A-062		328170-190X	272XPDAx-*3 (29)	254 C	Opp	197	7-A-032		Furnished
282XSDAx-*5 (21)	227 C	Opp	200	8-A-062		328170-190X	272XSDAx-*3 (30)	227 C	Opp	220	7-A-032		Furnished
282XTDAx-*5 (22)	203 C	Opp	246	8-A-062		328170-190X							

ONE SPEED - POWERSHIFT LOW PROFILE (AIR OR HYDRAULIC)

272MADAx-*3 (23)	300 C	Opp	67	7-A-032		Furnished
272MBDAx-*3 (24)	300 C	Opp	82	7-A-032		Furnished
272MCDAX-*3 (25)	300 C	Opp	99	7-A-032		Furnished
272MGDAx-*3 (26)	300 C	Opp	141	7-A-032		Furnished
272MKDAx-*3 (27)	300 C	Opp	157	7-A-032		Furnished
272MMDAX-*3 (28)	284 C	Opp	176	7-A-032		Furnished
272MPDAx-*3 (29)	254 C	Opp	197	7-A-032		Furnished
272MSDAx-*3 (30)	227 C	Opp	220	7-A-032		Furnished

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885XBDAX-*5 (3)	500 I	Opp	81			Furnished
885XGDAx-*5 (7)	500 I	Opp	104			Furnished
885XMDAX-*5 (4)	500 I	Opp	143			Furnished

ONE SPEED - FORWARD & REVERSE

348ZFDAx-*5 (31)	200 I	Opp	113	119	8-A-062	328170-190X	340SFDAx-*5 (31)	200 I	Opp	113	119	7-A-062		Furnished
863XBDAX-*5 (32)	500 I	Opp	81	100		Furnished								

GEARED ADAPTERS

628ZDAx-5DA	250 I	Eng				Furnished	626ZDAx-3DA	250 I	Eng			7-A-062		Furnished
645ZDAx-3DA	250 I	Eng			7-A-062	Furnished	630ZDAx-3DA	250 I	Eng			7-A-062		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: 272*S Ratio - Contact Chelsea Engineering for application approval for continuous duty applications.

CAUTION: Do not use geared adapters with 442 A and C ratios.

(3) Input Gear Part No. 5-P-1120
(4) Input Gear Part No. 5-P-1121
(7) Input Gear Part No. 5-P-1174
(20) Input Gear Part No. 5-P-1511-17X
(21) Input Gear Part No. 5-P-1511-18X
(22) Input Gear Part No. 5-P-1511-19X

(23) Input Gear Part No. 5-P-1511-1X
(24) Input Gear Part No. 5-P-1511-2X
(25) Input Gear Part No. 5-P-1511-3X
(26) Input Gear Part No. 5-P-1511-5X
(27) Input Gear Part No. 5-P-1511-6X
(28) Input Gear Part No. 5-P-1511-7X

(29) Input Gear Part No. 5-P-1511-8X
(30) Input Gear Part No. 5-P-1511-9X
(31) Input Gear Part No. 5-P-634
(32) Input Gear Part No. 5-P-636

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T2180 (Rear Box) T2180-B (Rear Box) T318LR (Rear Box) T318L (Rear Box) T318LR21 (Rear Box) T318L21 (Rear Box) T310-M (Rear Box) T310-MLR (Rear Box)	T310ME (Rear box, same as T310M, output flange extended for rear mount PTO) T318 (Rear Box)
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LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
49 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.6670" (16.9400 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

1.0550" (26.8000 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 - TWO GEAR - MECHANICAL SHIFT

489ZADAX-*5 (8)	250 I	Opp	47	8-A-062		328170-190X	442ZADAX-*3 (8)	250 I	Opp	47	7-A-140		Furnished
489ZCDAX-*5 (9)	250 I	Opp	60	8-A-062		328170-190X	442ZCDAX-*3 (9)	250 I	Opp	60	7-A-140		Furnished
489ZFDAX-*5 (2)	250 I	Opp	74	8-A-062		328170-190X	442ZFDAX-*3 (2)	250 I	Opp	74	7-A-140		Furnished
489ZHDAX-*5 (13)	250 I	Opp	86	8-A-062		328170-190X	442ZHDAX-*3 (13)	250 I	Opp	86	7-A-140		Furnished
489ZLDAX-*5 (1)	250 I	Opp	96	8-A-062		328170-190X	442ZLDAX-*3 (1)	250 I	Opp	96	7-A-140		Furnished
489ZQDAX-*5 (1)	225 I	Opp	103	8-A-062		328170-190X	442ZQDAX-*3 (1)	225 I	Opp	103	7-A-140		Furnished
489ZRDAX-*5 (1)	225 I	Opp	120	8-A-062		328170-190X	442ZRDAX-*3 (1)	225 I	Opp	120	7-A-140		Furnished
489ZSDAX-*5 (1)	200 I	Opp	142	8-A-062		328170-190X	442ZSDAX-*3 (1)	200 I	Opp	142	7-A-140		Furnished
489ZUDAX-*5 (1)	195 I	Opp	169	8-A-062		328170-190X	442ZUDAX-*3 (1)	195 I	Opp	169	7-A-140		Furnished
489ZWDAX-*5 (1)	175 I	Opp	199	8-A-062		328170-190X	442ZWDAX-*3 (1)	175 I	Opp	199	7-A-140		Furnished
489ZXDAX-*5 (1)	140 I	Opp	236	8-A-062		328170-190X	442ZXDAX-*3 (1)	140 I	Opp	236	7-A-140		Furnished
680ZFDAX-*5 (10)	375 I	Opp	74	8-A-062		328170-190X	660ZFDAX-*3 (10)	375 I	Opp	74	7-A-140		Furnished
680ZQDAX-*5 (11)	375 I	Opp	103	8-A-062		328170-190X	660ZQDAX-*3 (11)	375 I	Opp	103	7-A-140		Furnished
680ZSDAX-*5 (12)	325 I	Opp	142	8-A-062		328170-190X	660ZSDAX-*3 (12)	325 I	Opp	142	7-A-140		Furnished
823XBDAX-*5 (35)	500 I	Opp	48			Furnished							
823XMDAX-*5 (33)	500 I	Opp	86			Furnished							
823XRDAX-*5 (34)	400 I	Opp	118			Furnished							
880XBDAX-*5 (3)	500 I	Opp	48			Furnished							
880XGDAX-*5 (7)	500 I	Opp	62			Furnished							
880XMDAX-*5 (4)	500 I	Opp	86			Furnished							
880XRDAX-*5 (5)	400 I	Opp	118			Furnished							
880XTDAX-*5 (6)	350 I	Opp	152			Furnished							

ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282XBDAX-*5 (15)	300 C	Opp	49	8-A-062		Furnished	272XADAX-*3 (24)	300 C	Opp	40	7-A-032		Furnished
282XCDAX-*5 (16)	300 C	Opp	59	8-A-062		Furnished	272XCDAX-*3 (26)	300 C	Opp	59	7-A-032		Furnished
282XDDAX-*5 (17)	300 C	Opp	71	8-A-062		Furnished	272XDAXJX-*3 (14)	300 C	Opp	71	7-A-032		Furnished
282XGDAX-*5 (18)	300 C	Opp	84	8-A-062		Furnished	272XGDAX-*3 (27)	300 C	Opp	84	7-A-032		Furnished
282XKDAX-*5 (19)	300 C	Opp	94	8-A-062		Furnished	272XKDAX-*3 (28)	300 C	Opp	94	7-A-032		Furnished
282XMDAX-*5 (20)	300 C	Opp	105	8-A-062		Furnished	272XMDAX-*3 (29)	300 C	Opp	105	7-A-032		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: Do not use geared adapters with 442 A and C ratios.

CAUTION: Mack Does Not approve PTO operations with the Range Selector in the "HI" position. Damage to the transmission synchronizers may occur. Refer to Mack operator's manual for correct PTO operation.

- (1) Input Gear Part No. 5-P-1037
(2) Input Gear Part No. 5-P-1085
(3) Input Gear Part No. 5-P-1120
(4) Input Gear Part No. 5-P-1121
(5) Input Gear Part No. 5-P-1122
(6) Input Gear Part No. 5-P-1123

- (7) Input Gear Part No. 5-P-1174
(8) Input Gear Part No. 5-P-1284
(9) Input Gear Part No. 5-P-1291
(10) Input Gear Part No. 5-P-1330
(11) Input Gear Part No. 5-P-1331
(12) Input Gear Part No. 5-P-1332

- (13) Input Gear Part No. 5-P-1365
(14) Input Gear Part No. 5-P-1510-4X
(15) Input Gear Part No. 5-P-1511-11X
(16) Input Gear Part No. 5-P-1511-12X
(17) Input Gear Part No. 5-P-1511-13X
(18) Input Gear Part No. 5-P-1511-14X

- (19) Input Gear Part No. 5-P-1511-15X
(20) Input Gear Part No. 5-P-1511-16X
(24) Input Gear Part No. 5-P-1511-1X
(26) Input Gear Part No. 5-P-1511-3X
(27) Input Gear Part No. 5-P-1511-5X
(28) Input Gear Part No. 5-P-1511-6X

- (29) Input Gear Part No. 5-P-1511-7X
(33) Input Gear Part No. 5-P-637
(34) Input Gear Part No. 5-P-808
(35) Input Gear Part No. 5-P-636

CHELSEA®

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MAK-27

T2180 (Rear Box)
T2180-B (Rear Box)
T318LR (Rear Box)
T318L (Rear Box)
T318LR21 (Rear Box)
T318L21 (Rear Box)
T310-M (Rear Box)
T310-MLR (Rear Box)

T310ME (Rear box, same as T310M, output flange extended for rear mount PTO)
T318 (Rear Box)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
49 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.6670" (16.9400 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

1.0550" (26.8000 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 - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282XPDAX-*5 (21)	300 C	Opp	117	8-A-062		Furnished	272XPDAX-*3 (30)	300 C	Opp	117	7-A-032		Furnished
282XSDAX-*5 (22)	300 C	Opp	131	8-A-062		Furnished	272XSDAX-*3 (31)	300 C	Opp	131	7-A-032		Furnished
282XTDAX-*5 (23)	300 C	Opp	147	8-A-062		Furnished							

ONE SPEED - POWERSHIFT LOW PROFILE (AIR OR HYDRAULIC)

272MADAX-*3 (24)	300 C	Opp	40	7-A-032		Furnished
272MBDAX-*3 (25)	300 C	Opp	49	7-A-032		Furnished
272MCDAX-*3 (26)	300 C	Opp	59	7-A-032		Furnished
272MDAJX-*3 (14)	300 C	Opp	71	7-A-032		Furnished
272MGDAX-*3 (27)	300 C	Opp	84	7-A-032		Furnished
272MKDAX-*3 (28)	300 C	Opp	94	7-A-032		Furnished
272MMDAX-*3 (29)	300 C	Opp	105	7-A-032		Furnished
272MPDAX-*3 (30)	300 C	Opp	117	7-A-032		Furnished
272MSDAX-*3 (31)	300 C	Opp	131	7-A-032		Furnished

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885XBDAX-*5 (3)	500 I	Opp	48		Furnished
885XGDAX-*5 (7)	500 I	Opp	62		Furnished
885XMDAX-*5 (4)	500 I	Opp	86		Furnished

ONE SPEED - FORWARD & REVERSE

348ZFDAX-*5 (32)	200 I	Opp	68	71	8-A-062	328170-190X	340SFDAX-*5 (32)	200 I	Opp	68	71	7-A-062	Furnished
863XBDAX-*5 (33)	500 I	Opp	48	60		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: Do not use geared adapters with 442 A and C ratios.

CAUTION: Mack Does Not approve PTO operations with the Range Selector in the "HI" position. Damage to the transmission synchronizers may occur. Refer to Mack operator's manual for correct PTO operation.

(3) Input Gear Part No. 5-P-1120
(4) Input Gear Part No. 5-P-1121
(7) Input Gear Part No. 5-P-1174
(14) Input Gear Part No. 5-P-1510-4X
(21) Input Gear Part No. 5-P-1511-17X
(22) Input Gear Part No. 5-P-1511-18X

(23) Input Gear Part No. 5-P-1511-19X
(24) Input Gear Part No. 5-P-1511-1X
(25) Input Gear Part No. 5-P-1511-2X
(26) Input Gear Part No. 5-P-1511-3X
(27) Input Gear Part No. 5-P-1511-5X
(28) Input Gear Part No. 5-P-1511-6X

(29) Input Gear Part No. 5-P-1511-7X
(30) Input Gear Part No. 5-P-1511-8X
(31) Input Gear Part No. 5-P-1511-9X
(32) Input Gear Part No. 5-P-634
(33) Input Gear Part No. 5-P-636

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MAK-27

T2180 (Rear Box) T2180-B (Rear Box) T318LR (Rear Box) T318L (Rear Box) T318LR21 (Rear Box) T318L21 (Rear Box) T310-M (Rear Box) T310-MLR (Rear Box)	T310ME (Rear box, same as T310M, output flange extended for rear mount PTO) T318 (Rear Box)
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LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
49 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.6670" (16.9400 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

1.0550" (26.8000 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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GEARED ADAPTERS

628ZDAX-5DA	250 I	Eng		8-A-062		328170-190X	626ZDAX-3DA	250 I	Eng		7-A-140		Furnished
							645ZDAX-3DA	250 I	Eng		7-A-140		Furnished

Available PTO Output Shaft Speeds with Rear Box in Neutral

Transmission Shifter & Selection Location				Multiplication Factor	Transmission Shifter & Selection Location			Multiplication Factor
LO	LO	LO		0.2755	5	HI	HI	0.5146
LO	HI	LO		0.3250	6	LO	HI	0.6097
1	LO	LO		0.4363	6	HI	HI	0.7197
1	HI	LO		0.5146	7	LO	HI	0.8482
2	LO	LO		0.6097	7	HI	HI	1.0000
2	HI	LO		0.7197	8	LO	HI	1.1910
3	LO	LO		0.8482	8	HI	HI	1.4040
3	HI	LO		1.0000	REV	HI	HI	0.1547
4	LO	LO		1.1910	REV	LO	HI	0.1305
4	HI	LO		1.4040	REV	LO	LO	0.1547
5	LO	HI		0.4363	REV	HI	LO	0.1305

EXAMPLE: Main Box in 4 HI LO with 442ZQDAX on Rear Box with output speed of $103\% \times 1.404 = 144.6\%$

CAUTION: PTO operations not permitted by Mack in "HI" range position (shaded area).

† 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: Do not use geared adapters with 442 A and C ratios.

CAUTION: Mack Does Not approve PTO operations with the Range Selector in the "HI" position. Damage to the transmission synchronizers may occur. Refer to Mack operator's manual for correct PTO operation.

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MAK-28

T2130 (Rear Box)
T2130-B (Rear Box)
T313LR (Rear Box)
T313L (Rear Box)
T313L21 (Rear Box)
T313LR21 (Rear Box)
T313H (Rear Box)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
49 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.6670" (16.9400 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

1.0550" (26.8000 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 - TWO GEAR - MECHANICAL SHIFT

489ZADAX-*5 (8)	250 I	Opp	40	8-A-062		328170-190X	442ZADAX-*3 (8)	250 I	Opp	40	7-A-140		Furnished
489ZCDAX-*5 (9)	250 I	Opp	51	8-A-062		328170-190X	442ZCDAX-*3 (9)	250 I	Opp	51	7-A-140		Furnished
489ZFDAX-*5 (2)	250 I	Opp	63	8-A-062		328170-190X	442ZFDAX-*3 (2)	250 I	Opp	63	7-A-140		Furnished
489ZHDAX-*5 (13)	250 I	Opp	73	8-A-062		328170-190X	442ZHDAX-*3 (13)	250 I	Opp	73	7-A-140		Furnished
489ZLDAX-*5 (1)	250 I	Opp	81	8-A-062		328170-190X	442ZLDAX-*3 (1)	250 I	Opp	81	7-A-140		Furnished
489ZQDAX-*5 (1)	225 I	Opp	88	8-A-062		328170-190X	442ZQDAX-*3 (1)	225 I	Opp	88	7-A-140		Furnished
489ZRDAX-*5 (1)	225 I	Opp	101	8-A-062		328170-190X	442ZRDAX-*3 (1)	225 I	Opp	101	7-A-140		Furnished
489ZSDAX-*5 (1)	200 I	Opp	121	8-A-062		328170-190X	442ZSDAX-*3 (1)	200 I	Opp	121	7-A-140		Furnished
489ZUDAX-*5 (1)	195 I	Opp	144	8-A-062		328170-190X	442ZUDAX-*3 (1)	195 I	Opp	144	7-A-140		Furnished
489ZWDAX-*5 (1)	175 I	Opp	169	8-A-062		328170-190X	442ZWDAX-*3 (1)	175 I	Opp	169	7-A-140		Furnished
489ZXDAX-*5 (1)	140 I	Opp	200	8-A-062		328170-190X	442ZXDAX-*3 (1)	140 I	Opp	200	7-A-140		Furnished
680ZFDAX-*5 (10)	375 I	Opp	63	8-A-062		328170-190X	660ZFDAX-*3 (10)	375 I	Opp	63	7-A-140		Furnished
680ZQDAX-*5 (11)	375 I	Opp	88	8-A-062		328170-190X	660ZQDAX-*3 (11)	375 I	Opp	88	7-A-140		Furnished
680ZSDAX-*5 (12)	325 I	Opp	121	8-A-062		328170-190X	660ZSDAX-*3 (12)	325 I	Opp	121	7-A-140		Furnished
823XBDAX-*5 (33)	500 I	Opp	41			Furnished							
823XMDAX-*5 (34)	500 I	Opp	73			Furnished							
823XRDAX-*5 (35)	400 I	Opp	100			Furnished							
880XBDAX-*5 (3)	500 I	Opp	41			Furnished							
880XGDAX-*5 (7)	500 I	Opp	53			Furnished							
880XMDAX-*5 (4)	500 I	Opp	73			Furnished							
880XRDAX-*5 (5)	400 I	Opp	100			Furnished							
880XTDAX-*5 (6)	350 I	Opp	129			Furnished							

ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282KBDAX-*5 (15)	300 C	Opp	41	8-A-062	Furnished	272XADAX-*3 (24)	300 C	Opp	34	7-A-032		Furnished
282KCDAX-*5 (16)	300 C	Opp	50	8-A-062	Furnished	272XBDAX-*3 (25)	300 C	Opp	41	7-A-032		Furnished
282KDDAX-*5 (17)	300 C	Opp	60	8-A-062	Furnished	272XCDAX-*3 (26)	300 C	Opp	50	7-A-032		Furnished
282KGDAX-*5 (18)	300 C	Opp	71	8-A-062	Furnished	272XDAJX-*3 (14)	300 C	Opp	60	7-A-032		Furnished
282KKDAX-*5 (19)	300 C	Opp	80	8-A-062	Furnished	272XGDAX-*3 (27)	300 C	Opp	71	7-A-032		Furnished
282KKDAX-*5 (19)	300 C	Opp	89	8-A-062	Furnished	272XKDAX-*3 (28)	300 C	Opp	80	7-A-032		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: Do not use geared adapters with 442 A and C ratios.

(1) Input Gear Part No. 5-P-1037
(2) Input Gear Part No. 5-P-1085
(3) Input Gear Part No. 5-P-1120
(4) Input Gear Part No. 5-P-1121
(5) Input Gear Part No. 5-P-1122
(6) Input Gear Part No. 5-P-1123

(7) Input Gear Part No. 5-P-1174
(8) Input Gear Part No. 5-P-1284
(9) Input Gear Part No. 5-P-1291
(10) Input Gear Part No. 5-P-1330
(11) Input Gear Part No. 5-P-1331
(12) Input Gear Part No. 5-P-1332

(13) Input Gear Part No. 5-P-1365
(14) Input Gear Part No. 5-P-1510-4X
(15) Input Gear Part No. 5-P-1511-11X
(16) Input Gear Part No. 5-P-1511-12X
(17) Input Gear Part No. 5-P-1511-13X
(18) Input Gear Part No. 5-P-1511-14X

(19) Input Gear Part No. 5-P-1511-15X
(20) Input Gear Part No. 5-P-1511-16X
(24) Input Gear Part No. 5-P-1511-1X
(25) Input Gear Part No. 5-P-1511-2X
(26) Input Gear Part No. 5-P-1511-3X
(27) Input Gear Part No. 5-P-1511-5X

(28) Input Gear Part No. 5-P-1511-6X
(33) Input Gear Part No. 5-P-636
(34) Input Gear Part No. 5-P-637
(35) Input Gear Part No. 5-P-808

CHELSEA®

MACK

MAK-28

T2130 (Rear Box)
T2130-B (Rear Box)
T313LR (Rear Box)
T313L (Rear Box)
T313L21 (Rear Box)
T313LR21 (Rear Box)
T313H (Rear Box)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
49 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.6670" (16.9400 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

1.0550" (26.8000 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 - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282KPDAX-*5 (21)	300 C	Opp	100	8-A-062		Furnished	272XMDAX-*3 (29)	300 C	Opp	89	7-A-032		Furnished
282KSDAX-*5 (22)	300 C	Opp	111	8-A-062		Furnished	272XPDX-*3 (30)	300 C	Opp	100	7-A-032		Furnished
282KTDAX-*5 (23)	300 C	Opp	125	8-A-062		Furnished	272XSDAX-*3 (31)	300 C	Opp	111	7-A-032		Furnished

ONE SPEED - POWERSHIFT LOW PROFILE (AIR OR HYDRAULIC)

							272MADAX-*3 (24)	300 C	Opp	34	7-A-032		Furnished
							272MBDAX-*3 (25)	300 C	Opp	41	7-A-032		Furnished
							272MCDAX-*3 (26)	300 C	Opp	50	7-A-032		Furnished
							272MDAJX-*3 (14)	300 C	Opp	60	7-A-032		Furnished
							272MGDAX-*3 (27)	300 C	Opp	71	7-A-032		Furnished
							272MKDAX-*3 (28)	300 C	Opp	80	7-A-032		Furnished
							272MMDAX-*3 (29)	300 C	Opp	89	7-A-032		Furnished
							272MPDAX-*3 (30)	300 C	Opp	100	7-A-032		Furnished
							272MSDAX-*3 (31)	300 C	Opp	111	7-A-032		Furnished

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885XBDAX-*5 (3)	500 I	Opp	41			Furnished							
885XGDAX-*5 (7)	500 I	Opp	53			Furnished							
885XMDAX-*5 (4)	500 I	Opp	73			Furnished							

ONE SPEED - FORWARD & REVERSE

348ZFDAX-*5 (32)	200 I	Opp	57	60	8-A-032	328170-190X	340SFDAX-*5 (32)	200 I	Opp	57	60	7-A-062	Furnished
863XBDAX-*5 (33)	500 I	Opp	41	51		Furnished							

GEARED ADAPTERS

628ZDAX-5DA	250 I	Eng			8-A-062	328170-190X	626ZDAX-3DA	250 I	Eng			7-A-140	Furnished
							645ZDAX-3DA	250 I	Eng			7-A-140	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: Do not use geared adapters with 442 A and C ratios.

(3) Input Gear Part No. 5-P-1120
(4) Input Gear Part No. 5-P-1121
(7) Input Gear Part No. 5-P-1174
(14) Input Gear Part No. 5-P-1510-4X
(21) Input Gear Part No. 5-P-1511-17X
(22) Input Gear Part No. 5-P-1511-18X

(23) Input Gear Part No. 5-P-1511-19X
(24) Input Gear Part No. 5-P-1511-1X
(25) Input Gear Part No. 5-P-1511-2X
(26) Input Gear Part No. 5-P-1511-3X
(27) Input Gear Part No. 5-P-1511-5X
(28) Input Gear Part No. 5-P-1511-6X

(29) Input Gear Part No. 5-P-1511-7X
(30) Input Gear Part No. 5-P-1511-8X
(31) Input Gear Part No. 5-P-1511-9X
(32) Input Gear Part No. 5-P-634
(33) Input Gear Part No. 5-P-636

CHELSEA®

MACK

MAK-29

T2050-C
T2080-C
T2070-D (Front Box)
T2070-C
T2080-D (Front Box)
T2080-C

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
48 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.9770" (24.8200 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

1.2520" (31.8000 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 - TWO GEAR - MECHANICAL SHIFT

823ZBAHX-*3 (28)	500 I	Opp	71	8-A-700		328170-133X	442ZAAHX-*3 (12)	250 I	Opp	66	7-A-032		Furnished
823ZDAHX-*3 (31)	500 I	Opp	84	8-A-700		328170-133X	442ZCAHX-*3 (13)	250 I	Opp	84	7-A-032		Furnished
823ZGAHX-*3 (32)	500 I	Opp	91	8-A-700		328170-133X	442ZFAHX-*3 (2)	250 I	Opp	104	7-A-032		Furnished
823ZJAHX-*3 (29)	500 I	Opp	107	8-A-700		328170-133X	442ZHAHX-*3 (15)	250 I	Opp	121	7-A-032		Furnished
823ZMAHX-*3 (27)	500 I	Opp	126	8-A-700		328170-133X	442ZLAHX-*3 (1)	250 I	Opp	134	7-A-032		Furnished
823ZRAHX-*3 (30)	400 I	Opp	173	8-A-700		328170-133X	442ZQAHX-*3 (1)	225 I	Opp	145	7-A-032		Furnished
880ZBAHX-*3 (3)	500 I	Opp	71	8-A-700		328170-133X	442ZRAHX-*3 (1)	225 I	Opp	167	7-A-032		Furnished
880ZDAHX-*3 (4)	500 I	Opp	84	8-A-700		328170-133X	442ZSAHX-*3 (1)	200 I	Opp	199	7-A-032		Furnished
880ZGAHX-*3 (9)	500 I	Opp	91	8-A-700		328170-133X	442ZUAHX-*3 (1)	195 I	Opp	237	7-A-032		Furnished
880ZJAHX-*3 (5)	500 I	Opp	107	8-A-700		328170-133X	442ZWAHX-*3 (1)	175 I	Opp	279	7-A-032		Furnished
880ZMAHX-*3 (6)	500 I	Opp	126	8-A-700		328170-133X	442ZXAHX-*3 (1)	140 I	Opp	330	7-A-032		Furnished
880ZQAHX-*3 (16)	450 I	Opp	147	8-A-700		328170-133X	660ZFAHX-*3 (10)	375 I	Opp	104	7-A-032		Furnished
880ZRAHX-*3 (7)	400 I	Opp	173	8-A-700		328170-133X	660ZHAHX-*3 (15)	375 I	Opp	121	7-A-032		Furnished
880ZTAHX-*3 (8)	350 I	Opp	223	8-A-700		328170-133X	660ZQAHX-*3 (11)	375 I	Opp	145	7-A-032		Furnished
							660ZRAHX-*3 (17)	350 I	Opp	167	7-A-032		Furnished
							660ZSAHX-*3 (14)	325 I	Opp	199	7-A-032		Furnished

ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

272ZAAJX-*5 (18)	300 C	Opp	53	7-A-032	328481X	Furnished	272ZAAJX-*3 (18)	300 C	Opp	53	7-A-032		Furnished
272ZBAJX-*5 (19)	300 C	Opp	65	7-A-032	328481X	Furnished	272ZBAJX-*3 (19)	300 C	Opp	65	7-A-032		Furnished
272ZCAJX-*5 (20)	300 C	Opp	79	7-A-032	328481X	Furnished	272ZCAJX-*3 (20)	300 C	Opp	79	7-A-032		Furnished
272ZDAJX-*5 (21)	300 C	Opp	95	7-A-032	328481X	Furnished	272ZDAJX-*3 (21)	300 C	Opp	95	7-A-032		Furnished
272ZGAJX-*5 (22)	300 C	Opp	113	7-A-032	328481X	Furnished	272ZGAJX-*3 (22)	300 C	Opp	113	7-A-032		Furnished
272ZKAJX-*5 (23)	300 C	Opp	126	7-A-032	328481X	Furnished	272ZKAJX-*3 (23)	300 C	Opp	126	7-A-032		Furnished
272ZMAJX-*5 (24)	300 C	Opp	141	7-A-032	328481X	Furnished	272ZMAJX-*3 (24)	300 C	Opp	141	7-A-032		Furnished
272ZPAJX-*5 (25)	300 C	Opp	157	7-A-032	328481X	Furnished	272ZPAJX-*3 (25)	300 C	Opp	157	7-A-032		Furnished
272ZSAJX-*5 (26)	284 C	Opp	176	7-A-032	328481X	Furnished	272ZSAJX-*3 (26)	284 C	Opp	176	7-A-032		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-1004
(2) Input Gear Part No. 5-P-1077
(3) Input Gear Part No. 5-P-1100
(4) Input Gear Part No. 5-P-1101
(5) Input Gear Part No. 5-P-1102
(6) Input Gear Part No. 5-P-1103
(7) Input Gear Part No. 5-P-1104

(8) Input Gear Part No. 5-P-1105
(9) Input Gear Part No. 5-P-1135
(10) Input Gear Part No. 5-P-1242
(11) Input Gear Part No. 5-P-1246
(12) Input Gear Part No. 5-P-1280
(13) Input Gear Part No. 5-P-1287
(14) Input Gear Part No. 5-P-1322

(15) Input Gear Part No. 5-P-1364
(16) Input Gear Part No. 5-P-1385
(17) Input Gear Part No. 5-P-1441
(18) Input Gear Part No. 5-P-1510-1X
(19) Input Gear Part No. 5-P-1510-2X
(20) Input Gear Part No. 5-P-1510-3X
(21) Input Gear Part No. 5-P-1510-4X

(22) Input Gear Part No. 5-P-1510-5X
(23) Input Gear Part No. 5-P-1510-6X
(24) Input Gear Part No. 5-P-1510-7X
(25) Input Gear Part No. 5-P-1510-8X
(26) Input Gear Part No. 5-P-1510-9X
(27) Input Gear Part No. 5-P-283
(28) Input Gear Part No. 5-P-285

(29) Input Gear Part No. 5-P-325
(30) Input Gear Part No. 5-P-721
(31) Input Gear Part No. 5-P-971
(32) Input Gear Part No. 5-P-980
(33) Furnished, but not required

CHELSEA®

MACK

MAK-29

T2050-C
T2060-C
T2070-D (Front Box)
T2070-C
T2080-D (Front Box)
T2080-C

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
48 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.9770" (24.8200 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

1.2520" (31.8000 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 - TWO GEAR - POWERSHIFT (AIR)

885ZBAHX-*3 (3)	500 I	Opp	71	8-A-700	328170-133X
885ZGAHX-*3 (9)	500 I	Opp	91	8-A-700	328170-133X
885ZJAHX-*3 (5)	500 I	Opp	107	8-A-700	328170-133X
885ZMAHX-*3 (6)	500 I	Opp	126	8-A-700	328170-133X

GEARED ADAPTERS

626ZDAX-3DA	250 I	Eng	7-A-032	Furnished
630ZDAX-3DA	250 I	Eng	7-A-032	Furnished
645ZDAX-3DA	250 I	Eng	7-A-032	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.

(3) Input Gear Part No. 5-P-1100
(5) Input Gear Part No. 5-P-1102
(6) Input Gear Part No. 5-P-1103
(9) Input Gear Part No. 5-P-1135

CHELSEA®

MACK

MAK-31

T2110-B (REAR BOX FOR T2110B)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
49 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.6670" (16.9400 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

1.0550" (26.7970 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 - TWO GEAR - MECHANICAL SHIFT

489ZFDAX-*5 (2)	250 I	Opp	74	8-A-062		328170-190X	442ZADAX-*3 (8)	250 I	Opp	47	7-A-140		Furnished
489ZHDAX-*5 (13)	250 I	Opp	86	8-A-062		328170-190X	442ZCDAX-*3 (9)	250 I	Opp	60	7-A-140		Furnished
489ZLDAX-*5 (1)	250 I	Opp	96	8-A-062		328170-190X	442ZFDAX-*3 (2)	250 I	Opp	74	7-A-140		Furnished
489ZQDAX-*5 (1)	225 I	Opp	103	8-A-062		328170-190X	442ZHDAX-*3 (13)	250 I	Opp	86	7-A-140		Furnished
489ZRDAX-*5 (1)	225 I	Opp	120	8-A-062		328170-190X	442ZLDAX-*3 (1)	250 I	Opp	96	7-A-140		Furnished
489ZSDAX-*5 (1)	200 I	Opp	142	8-A-062		328170-190X	442ZQDAX-*3 (1)	225 I	Opp	103	7-A-140		Furnished
489ZUDAX-*5 (1)	195 I	Opp	169	8-A-062		328170-190X	442ZRDAX-*3 (1)	225 I	Opp	120	7-A-140		Furnished
489ZWDAX-*5 (1)	175 I	Opp	199	8-A-062		328170-190X	442ZSDAX-*3 (1)	200 I	Opp	142	7-A-140		Furnished
489ZXDAX-*5 (1)	140 I	Opp	236	8-A-062		328170-190X	442ZUDAX-*3 (1)	195 I	Opp	169	7-A-140		Furnished
680ZFDAX-*5 (10)	375 I	Opp	74	8-A-062		328170-190X	442ZWDAX-*3 (1)	175 I	Opp	199	7-A-140		Furnished
680ZQDAX-*5 (11)	375 I	Opp	103	8-A-062		328170-190X	442ZXDAX-*3 (1)	140 I	Opp	236	7-A-140		Furnished
680ZSDAX-*5 (12)	325 I	Opp	142	8-A-062		328170-190X	660ZFDAX-*3 (10)	375 I	Opp	74	7-A-140		Furnished
823XBDAX-*5 (36)	500 I	Opp	48			Furnished	660ZQDAX-*3 (11)	375 I	Opp	103			Furnished
823XMDAX-*5 (34)	500 I	Opp	86			Furnished	660ZSDAX-*3 (12)	325 I	Opp	142			Furnished
823XRDAX-*5 (35)	400 I	Opp	118			Furnished							
880XBDAX-*5 (3)	500 I	Opp	48			Furnished							
880XGDAX-*5 (7)	500 I	Opp	62			Furnished							
880XMDAX-*5 (4)	500 I	Opp	86			Furnished							
880XRDAX-*5 (5)	400 I	Opp	118			Furnished							
880XTDAX-*5 (6)	350 I	Opp	152			Furnished							

ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282XBDAX-*5 (14)	300 C	Opp	49	8-A-062	Furnished	272XADAX-*3 (23)	300 C	Opp	40	7-A-032			Furnished
282XCDAX-*5 (15)	300 C	Opp	59	8-A-062	Furnished	272XBDAX-*3 (24)	300 C	Opp	49	7-A-032			Furnished
282XDDAX-*5 (16)	300 C	Opp	71	8-A-062	Furnished	272XCDAX-*3 (25)	300 C	Opp	59	7-A-032			Furnished
282XGDAX-*5 (17)	300 C	Opp	84	8-A-062	Furnished	272XDDAX-*3 (26)	300 C	Opp	71	7-A-032			Furnished
282XKDAX-*5 (18)	300 C	Opp	94	8-A-062	Furnished	272XGDAX-*3 (27)	300 C	Opp	84	7-A-032			Furnished
282XMDAX-*5 (19)	300 C	Opp	105	8-A-062	Furnished	272XKDAX-*3 (28)	300 C	Opp	94	7-A-032			Furnished
282XPDAX-*5 (20)	300 C	Opp	117	8-A-062	Furnished	272XMDAX-*3 (29)	300 C	Opp	105	7-A-032			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-1037
 (2) Input Gear Part No. 5-P-1085
 (3) Input Gear Part No. 5-P-1120
 (4) Input Gear Part No. 5-P-1121
 (5) Input Gear Part No. 5-P-1122
 (6) Input Gear Part No. 5-P-1123
 (7) Input Gear Part No. 5-P-1174

(8) Input Gear Part No. 5-P-1284
 (9) Input Gear Part No. 5-P-1291
 (10) Input Gear Part No. 5-P-1330
 (11) Input Gear Part No. 5-P-1331
 (12) Input Gear Part No. 5-P-1332
 (13) Input Gear Part No. 5-P-1365
 (14) Input Gear Part No. 5-P-1511-11X

(15) Input Gear Part No. 5-P-1511-12X
 (16) Input Gear Part No. 5-P-1511-13X
 (17) Input Gear Part No. 5-P-1511-14X
 (18) Input Gear Part No. 5-P-1511-15X
 (19) Input Gear Part No. 5-P-1511-16X
 (20) Input Gear Part No. 5-P-1511-17X
 (23) Input Gear Part No. 5-P-1511-1X

(24) Input Gear Part No. 5-P-1511-2X
 (25) Input Gear Part No. 5-P-1511-3X
 (26) Input Gear Part No. 5-P-1511-4X
 (27) Input Gear Part No. 5-P-1511-5X
 (28) Input Gear Part No. 5-P-1511-6X
 (29) Input Gear Part No. 5-P-1511-7X
 (32) Input Gear Part No. 5-P-633

(34) Input Gear Part No. 5-P-637
 (35) Input Gear Part No. 5-P-808
 (36) Input Gear Part No. 5-P-636

CHELSEA®

MACK

MAK-31

T2110-B (REAR BOX FOR T2110B)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
49 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.6670" (16.9400 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

1.0550" (26.7970 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 - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282XSDAX-*5 (21)	300 C	Opp	131	8-A-062		Furnished	272XPDX-*3 (30)	300 C	Opp	117	7-A-032		Furnished
282XTDAX-*5 (22)	300 C	Opp	147	8-A-062		Furnished	272XSDAX-*3 (31)	300 C	Opp	131	7-A-032		Furnished

ONE SPEED - POWERSHIFT LOW PROFILE (AIR OR HYDRAULIC)

							272MADAX-*3 (23)	300 C	Opp	40	7-A-032		Furnished
							272MBDAX-*3 (24)	300 C	Opp	49	7-A-032		Furnished
							272MCDAX-*3 (25)	300 C	Opp	59	7-A-032		Furnished
							272MDDAX-*3 (26)	300 C	Opp	71	7-A-032		Furnished
							272MGDAX-*3 (27)	300 C	Opp	84	7-A-032		Furnished
							272MKDAX-*3 (28)	300 C	Opp	94	7-A-032		Furnished
							272MMDAX-*3 (29)	300 C	Opp	105	7-A-032		Furnished
							272MPDAX-*3 (30)	300 C	Opp	117	7-A-032		Furnished
							272MSDAX-*3 (31)	300 C	Opp	131	7-A-032		Furnished

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885XBDAX-*5 (3)	500 I	Opp	48			Furnished							
885XGDAX-*5 (7)	500 I	Opp	62			Furnished							
885XMDAX-*5 (4)	500 I	Opp	86			Furnished							

ONE SPEED - FORWARD & REVERSE

348ZFDAX-*5 (33)	200 I	Eng	68	71	8-A-062	328170-190X	340SFDAX-*3 (33)	200 I	Opp	68	71	7-A-062	Furnished
863XBDAX-*5	500 I	Opp	48	60		Furnished							

GEARED ADAPTERS

628ZDAX-5DA	250 I	Eng			8-A-062	328170-190X	626ZDAX-3DA	250 I	Eng			7-A-140	Furnished
							630ZDAX-3DA	250 I	Eng			7-A-140	Furnished
							645ZDAX-3DA	250 I	Eng			7-A-140	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.

(3) Input Gear Part No. 5-P-1120
(4) Input Gear Part No. 5-P-1121
(7) Input Gear Part No. 5-P-1174
(21) Input Gear Part No. 5-P-1511-18X
(22) Input Gear Part No. 5-P-1511-19X
(23) Input Gear Part No. 5-P-1511-1X

(24) Input Gear Part No. 5-P-1511-2X
(25) Input Gear Part No. 5-P-1511-3X
(26) Input Gear Part No. 5-P-1511-4X
(27) Input Gear Part No. 5-P-1511-5X
(28) Input Gear Part No. 5-P-1511-6X
(29) Input Gear Part No. 5-P-1511-7X

(30) Input Gear Part No. 5-P-1511-8X
(31) Input Gear Part No. 5-P-1511-9X
(33) Input Gear Part No. 5-P-634

CHELSEA®

MACK

MAK-32

T310 (T310 is a standard 10-speed with no rear box)
 T310-M (Front Box)
 T310ME (Front box, same as T-310M, output flange extended for rear mount PTO)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
 53 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.8100" (20.5700 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

1.0800" (27.4320 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 - TWO GEAR - MECHANICAL SHIFT

489ZADAX-*5 (8)	250 I	Opp	57			Furnished	442ZADAX-*3 (8)	250 I	Opp	57	7-A-093		Furnished
489ZCDAX-*5 (9)	250 I	Opp	74			Furnished	442ZCDAX-*3 (9)	250 I	Opp	74	7-A-093		Furnished
489ZFDAX-*5 (2)	250 I	Opp	92			Furnished	442ZFDAX-*3 (2)	250 I	Opp	92	7-A-093		Furnished
489ZHDAX-*5 (13)	250 I	Opp	107			Furnished	442ZHDAX-*3 (13)	250 I	Opp	107	7-A-093		Furnished
489ZLDAX-*5 (1)	250 I	Opp	119			Furnished	442ZLDAX-*3 (1)	250 I	Opp	119	7-A-093		Furnished
489ZQDAX-*5 (1)	225 I	Opp	128			Furnished	442ZQDAX-*3 (1)	225 I	Opp	128	7-A-093		Furnished
489ZRDAX-*5 (1)	225 I	Opp	149			Furnished	442ZRDAX-*3 (1)	225 I	Opp	149	7-A-093		Furnished
489ZSDAX-*5 (1)	200 I	Opp	178			Furnished	442ZSDAX-*3 (1)	200 I	Opp	178	7-A-093		Furnished
489ZUDAX-*5 (1)	195 I	Opp	212			Furnished	442ZUDAX-*3 (1)	195 I	Opp	212	7-A-093		Furnished
489ZWDAX-*5 (1)	175 I	Opp	250			Furnished	442ZWDAX-*3 (1)	175 I	Opp	250	7-A-093		Furnished
489ZXDAX-*5 (1)	140 I	Opp	296			Furnished	442ZXDAX-*3 (1)	140 I	Opp	296	7-A-093		Furnished
680ZFDAX-*5 (10)	375 I	Opp	92			Furnished	660ZFDAX-*3 (10)	375 I	Opp	92	7-A-062		Furnished
680ZQDAX-*5 (11)	375 I	Opp	128			Furnished	660ZQDAX-*3 (11)	375 I	Opp	128	7-A-062		Furnished
680ZSDAX-*5 (12)	325 I	Opp	178			Furnished	660ZSDAX-*3 (12)	325 I	Opp	178	7-A-062		Furnished
823XBDAX-*5 (36)	500 I	Opp	59			Furnished							
823XMDAX-*5 (33)	500 I	Opp	106			Furnished							
823XRDAX-*5 (34)	400 I	Opp	148			Furnished							
880XBDAX-*5 (3)	500 I	Opp	59			Furnished							
880XGDAX-*5 (7)	500 I	Opp	76			Furnished							
880XMDAX-*5 (4)	500 I	Opp	106			Furnished							
880XRDAX-*5 (5)	400 I	Opp	148			Furnished							
880XTDAX-*5 (6)	350 I	Opp	191			Furnished							

ONE SPEED - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282XBDAX-*5 (14)	300 C	Opp	61			Furnished	272XADAX-*3 (23)	300 C	Opp	49			Furnished
282XCDAX-*5 (15)	300 C	Opp	73			Furnished	272XBDAX-*3 (24)	300 C	Opp	61			Furnished
282XDDAX-*5 (16)	300 C	Opp	88			Furnished	272XCDAX-*3 (25)	300 C	Opp	73			Furnished
282XGDAX-*5 (17)	300 C	Opp	104			Furnished	272XDDAX-*3 (26)	300 C	Opp	88			Furnished
282XKDAX-*5 (18)	300 C	Opp	117			Furnished	272XGDAX-*3 (27)	300 C	Opp	104			Furnished
282XMDAX-*5 (19)	300 C	Opp	130			Furnished	272XKDAX-*3 (28)	300 C	Opp	117			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: Do not use geared adapters with 442 A and C ratios.

(1) Input Gear Part No. 5-P-1037
 (2) Input Gear Part No. 5-P-1085
 (3) Input Gear Part No. 5-P-1120
 (4) Input Gear Part No. 5-P-1121
 (5) Input Gear Part No. 5-P-1122
 (6) Input Gear Part No. 5-P-1123

(7) Input Gear Part No. 5-P-1174
 (8) Input Gear Part No. 5-P-1284
 (9) Input Gear Part No. 5-P-1291
 (10) Input Gear Part No. 5-P-1330
 (11) Input Gear Part No. 5-P-1331
 (12) Input Gear Part No. 5-P-1332

(13) Input Gear Part No. 5-P-1365
 (14) Input Gear Part No. 5-P-1511-11X
 (15) Input Gear Part No. 5-P-1511-12X
 (16) Input Gear Part No. 5-P-1511-13X
 (17) Input Gear Part No. 5-P-1511-14X
 (18) Input Gear Part No. 5-P-1511-15X

(19) Input Gear Part No. 5-P-1511-16X
 (23) Input Gear Part No. 5-P-1511-1X
 (24) Input Gear Part No. 5-P-1511-2X
 (25) Input Gear Part No. 5-P-1511-3X
 (26) Input Gear Part No. 5-P-1511-4X
 (27) Input Gear Part No. 5-P-1511-5X

(28) Input Gear Part No. 5-P-1511-6X
 (33) Input Gear Part No. 5-P-637
 (34) Input Gear Part No. 5-P-808
 (35) Filler block furnished with PTO
 (36) Input Gear Part No. 5-P-636

CHELSEA®

MACK

MAK-32

T310 (T310 is a standard 10-speed with no rear box)
T310-M (Front Box)
T310ME (Front box, same as T-310M, output flange extended
for rear mount PTO)

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
53 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.8100" (20.5700 mm)

TRANSMISSION GEAR DATA:

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

PITCH LINE TO APERTURE FACE:

1.0800" (27.4320 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 - TWO GEAR POWERSHIFT (AIR OR HYDRAULIC)

282XPDAX-*5 (20)	300 C	Opp	146			Furnished	272XMDAX-*3 (29)	300 C	Opp	130			Furnished
282XSDAX-*5 (21)	300 C	Opp	163			Furnished	272XPDAX-*3 (30)	300 C	Opp	146			Furnished
282XTDAX-*5 (22)	274 C	Opp	182			Furnished	272XSDAX-*3 (31)	300 C	Opp	163			Furnished

ONE SPEED - POWERSHIFT LOW PROFILE (AIR OR HYDRAULIC)

							272MADAX-*3 (23)	300 C	Opp	49			Furnished
							272MBDAX-*3 (24)	300 C	Opp	61			Furnished
							272MCDAX-*3 (25)	300 C	Opp	73			Furnished
							272MDDAX-*3 (26)	300 C	Opp	88			Furnished
							272MGDAX-*3 (27)	300 C	Opp	104			Furnished
							272MKDAX-*3 (28)	300 C	Opp	117			Furnished
							272MMDAX-*3 (29)	300 C	Opp	130			Furnished
							272MPDAX-*3 (30)	300 C	Opp	146			Furnished
							272MSDAX-*3 (31)	300 C	Opp	163			Furnished

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885XBDAX-*5 (3)	500 I	Opp	59			Furnished							
885XGDAX-*5 (7)	500 I	Opp	76			Furnished							
885XMDAX-*5 (4)	500 I	Opp	106			Furnished							

ONE SPEED - FORWARD & REVERSE

348ZFDAX-*5 (32)	200 I	Opp	83	90		Furnished	340SFDAX-*5 (32)	200 I	Opp	83	90		Furnished
863XBDAX-*5 (33)	500 I	Opp	59	75		Furnished							

GEARED ADAPTERS

628ZDAX-5DA	250 I	Eng				Furnished	626ZDAX-3DA	250 I	Eng			7-A-062	Furnished
							630ZDAX-3DA	250 I	Eng			7-A-062	Furnished
							645ZDAX-3DA	250 I	Eng			7-A-062	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: Do not use geared adapters with 442 A and C ratios.

(3) Input Gear Part No. 5-P-1120
(4) Input Gear Part No. 5-P-1121
(7) Input Gear Part No. 5-P-1174
(20) Input Gear Part No. 5-P-1511-17X
(21) Input Gear Part No. 5-P-1511-18X
(22) Input Gear Part No. 5-P-1511-19X

(23) Input Gear Part No. 5-P-1511-1X
(24) Input Gear Part No. 5-P-1511-2X
(25) Input Gear Part No. 5-P-1511-3X
(26) Input Gear Part No. 5-P-1511-4X
(27) Input Gear Part No. 5-P-1511-5X
(28) Input Gear Part No. 5-P-1511-6X

(29) Input Gear Part No. 5-P-1511-7X
(30) Input Gear Part No. 5-P-1511-8X
(31) Input Gear Part No. 5-P-1511-9X
(32) Input Gear Part No. 5-P-634
(33) Input Gear Part No. 5-P-636

CHELSEA®

MACK

MAK-33

TM308
TM309

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.S. 08-BOLT Opening Gear FORWARD of Centerline
54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

0.8100" (20.5700 mm)

TRANSMISSION GEAR DATA:

R.S. 06-BOLT Opening Gear FORWARD of Centerline
54 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 - TWO GEAR - MECHANICAL SHIFT

442ZFDAX-*6 (2)	250 I	Opp	94	7-A-062(P)	328481X	Furnished	442ZFDAX-*4 (2)	250 I	Opp	94	7-A-062		Furnished
442ZHDAX-*6 (10)	250 I	Opp	109	7-A-062(P)	328481X	Furnished	442ZHDAX-*4 (10)	250 I	Opp	109	7-A-062		Furnished
442ZLDAX-*6 (1)	250 I	Opp	121	7-A-062(P)	328481X	Furnished	442ZLDAX-*4 (1)	250 I	Opp	121	7-A-062		Furnished
442ZQDAX-*6 (1)	225 I	Opp	130	7-A-062(P)	328481X	Furnished	442ZQDAX-*4 (1)	225 I	Opp	130	7-A-062		Furnished
489ZFDAX-*6 (2)	250 I	Opp	94			Furnished	660ZFDAX-*4 (8)	375 I	Opp	94	7-A-062		Furnished
489ZHDAX-*6 (10)	250 I	Opp	109			Furnished	660ZQDAX-*4 (9)	375 I	Opp	130	7-A-062		Furnished
489ZLDAX-*6 (1)	250 I	Opp	121			Furnished							
489ZQDAX-*6 (1)	225 I	Opp	130			Furnished							
680ZFDAX-*6 (8)	375 I	Opp	94			Furnished							
680ZQDAX-*6 (9)	375 I	Opp	130			Furnished							
880XBDAX-*6 (3)	500 I	Opp	61			Furnished							
880XGDAX-*6 (7)	500 I	Opp	78			Furnished							
880XMDAX-*6 (4)	500 I	Opp	108			Furnished							
880XRDAX-*6 (5)	400 I	Opp	150			Furnished							
880XTDAX-*6 (6)	350 I	Opp	193			Furnished							

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885XBDAX-*6 (3)	500 I	Opp	61			Furnished							
885XGDAX-*6 (7)	500 I	Opp	78			Furnished							
885XMDAX-*6 (4)	500 I	Opp	108			Furnished							

ONE SPEED - FORWARD & REVERSE

348ZFDAX-*4 (11)	200 I	Opp	85	90		Furnished	340SFDAX-*4 (11)	200 I	Opp	85	90		Furnished
863XBDAX-*4 (12)	500 I	Opp	61	75		Furnished							

GEARED ADAPTERS

628ZDAX-6DA	250 I	Eng				Furnished	626ZDAX-4DA	250 I	Eng		7-A-062		Furnished
							630ZDAX-4DA	250 I	Eng		7-A-062		Furnished
							645ZDAX-4DA	250 I	Eng		7-A-062		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: Do not use geared adapters with 442 A and C ratios.

CAUTION: Do not install any PTO models with a sliding input gear, the input gear will not shift completely out of mesh.

(1) Input Gear Part No. 5-P-1037
(2) Input Gear Part No. 5-P-1085
(3) Input Gear Part No. 5-P-1120
(4) Input Gear Part No. 5-P-1121
(5) Input Gear Part No. 5-P-1122
(6) Input Gear Part No. 5-P-1123

(7) Input Gear Part No. 5-P-1174
(8) Input Gear Part No. 5-P-1330
(9) Input Gear Part No. 5-P-1331
(10) Input Gear Part No. 5-P-1365
(11) Input Gear Part No. 5-P-634
(12) Input Gear Part No. 5-P-636

CHELSEA®**MACK****MAK-34**

TMD12AD (MDrive) Low Ratio
 TMD12AFD (MDrive) Low Ratio
 TMD12AFD-HD (MDrive) Low Ratio
 TMD13AD (MDrive) Low Ratio
 TMD13AFD-HD (MDrive) Low Ratio

REAR SIDE ONLY**TRANSMISSION GEAR DATA:**

REAR 04-BOLT Opening

PITCH LINE TO APERTURE FACE:**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			

REAR MOUNT - MECHANICAL SHIFT (12-SPEED TRANSMISSIONS)

524XTASX-V-*	300 C	Eng	93					Furnished
524XVASX-V-*	258 C	Eng	126					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.

CHELSEA®**MACK****MAK-34H**

TMD12AD (MDrive) High Split Ratio
 TMD12AFD (MDrive) High Split Ratio
 TMD12AFD-HD (MDrive) High Split Ratio
 TMD13AD (MDrive) High Split Ratio
 TMD13AFD-HD (MDrive) High Split Ratio

REAR SIDE ONLY**TRANSMISSION GEAR DATA:**

REAR 04-BOLT Opening

PITCH LINE TO APERTURE FACE:**CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM**

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

REAR MOUNT - MECHANICAL SHIFT (12-SPEED TRANSMISSIONS)

524XTASX-V-*	300 C	Eng	119				Furnished
524XVASX-V-*	258 C	Eng	161				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.

CHELSEA®**MACK****MAK-35**

TMD12AFO (MDrive) Low Ratio
 TMD12AFO-HD (MDrive) Low Ratio
 TMD12AO (MDrive) Low Ratio
 TMD13AFO-HD (MDrive) Low Ratio
 TMD13AO (MDrive) Low Ratio
 TMD14AFO-HD (MDrive) Low Ratio
 TMD14AO (MDrive) Low Ratio

REAR SIDE ONLY**TRANSMISSION GEAR DATA:**

REAR 04-BOLT Opening

PITCH LINE TO APERTURE FACE:**CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM**

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

REAR MOUNT - MECHANICAL SHIFT (12-SPEED TRANSMISSIONS)

524XTASX-V-*	300 C	Eng	120				Furnished
524XVASX-V-*	258 C	Eng	162				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.

CHELSEA®**MACK****MAK-35H**

TMD12AFO (MDrive) High Split Ratio
 TMD12AFO-HD (MDrive) High Split Ratio
 TMD12AO (MDrive) High Split Range
 TMD13AFO-HD (MDrive) High Split Range
 TMD13AO (MDrive) High Split Range
 TMD14AFO-HD (MDrive) High Split Range
 TMD14AO (MDrive) High Split Range

REAR SIDE ONLY**TRANSMISSION GEAR DATA:**

REAR 04-BOLT Opening

PITCH LINE TO APERTURE FACE:**CAUTION: Application Approval Required for PTO Output Shaft Speeds Above 2500 RPM**

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

REAR MOUNT - MECHANICAL SHIFT (12-SPEED TRANSMISSIONS)

524XTASX-V-*	300 C	Eng	154				Furnished
524XVASX-V-*	258 C	Eng	207				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.

Mack Notes

MAK-16

1. With gear selector lever in low range for the front portion of compound transmissions, multiply speeds shown by the factor listed for the transmission: TRDXL-107, DX-107 multiply by .595; TRDXL-1071, DX-1071 multiply by .350. This feature can cause insufficient PTO speed, particularly in spreading applications.
2. With gear selector lever in high range for the front portion of compound transmissions, multiply speed shown by the factor listed for the transmission: TRDXL-1070, DX-1070, TRDXL-10780, DX-10780 multiply by 1.62. This feature can cause excessive PTO speeds.
3. The AK & XK output flanges can not be used with the A & C ratios on the 489 Series PTOs due to mounting stud interference. Use a RK rotatable flange for the XK and the RA for the AK flange.
4. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

MAK-18

1. All speeds shown are with transmission in 5th speed. For PTO speeds with the main transmission in all other gears, multiply speeds shown by the following: for 1st - .116, 2nd - .200, 3rd - .353, 4th - .603.
2. The AK & XK output flanges can not be used with the A & C ratios on the 489 Series PTOs due to mounting stud interference. Use a RK rotatable flange for the XK and the RA for the AK flange.
3. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

MAK-19

1. All speeds shown are with transmission in 5th speed. For PTO speeds with the main transmission in all other gears, multiply speeds shown by the following: for 1st - .116, 2nd - .200, 3rd - .353, 4th - .603.
2. The AK & XK output flanges can not be used with the A & C ratios on the 489 Series PTOs due to mounting stud interference. Use a RK rotatable flange for the XK and the RA for the AK flange.
3. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

MAK-20

1. The AK & XK output flanges can not be used with the A & C ratios on the 489 Series PTOs due to mounting stud interference. Use a RK rotatable flange for the XK and the RA for the AK flange.
2. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

MAK-21

1. All speeds figured with transmission in 4th speed direct. For PTO speeds in other transmission gears, multiply speeds shown by following: 1st. = .1907, 2nd. = .3282, 3rd. = .5780, 5th. = 1.6744.
2. 489 Series - The AK & XK output flanges can not be used with the A & C ratios due to mounting stud interference. Use a RK rotatable flange for the XK and the RA for the AK flange.
3. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

MAK-22

1. The AK & XK output flanges can not be used with the A & C ratios on the 489 Series PTOs due to mounting stud interference. Use a RK rotatable flange for the XK and the RA for the AK flange.
2. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

MAK-23

1. Using the 328554-2X adapter will permit PTO installation on trucks with set back front axle.
2. The AK & XK output flanges can not be used with the A & C ratios on the 489 Series PTOs due to mounting stud interference. Use a RK rotatable flange for the XK and the RA for the AK flange.
3. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

MAK-24

1. Using the 328554-2X adapter will permit PTO installation on trucks with set back front axle.
2. The AK & XK output flanges can not be used with the A & C ratios on the 489 Series PTOs due to mounting stud interference. Use a RK rotatable flange for the XK and the RA for the AK flange.
3. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

Mack Notes

MAK-25

1. Using the 328554-2X adapter will permit PTO installation on trucks with set back front axle.
2. All the applications shown are for the front box.
3. The AK & XK output flanges can not be used with the A & C ratios on the 489 Series PTOs due to mounting stud interference. Use a RK rotatable flange for the XK and the RA for the AK flange.
4. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

MAK-26

1. On the R.H. side the 328554-2X adapter can be used with an AH PTO to change rotation.
2. All speeds shown are with the main transmission in 5th speed. For PTO speeds with the main transmission in all other gears, divide the speeds shown by the following percentages: 1st. = 8.76, 2nd. = 5.995, 3rd. = 2.895, 4th. = 1.674, Reverse = 8.99
3. The AK & XK output flanges can not be used with the A & C ratios on the 489 Series PTOs due to mounting stud interference. Use a RK rotatable flange for the XK and the RA for the AK flange.
4. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

MAK-27

1. This application is for the rear box only. For front box applications, see application no. MAK-23.
2. With main box in reverse, the direction of rotation on the PTO output shaft will change.
3. The AK & XK output flanges can not be used with the A & C ratios on the 489 Series PTOs due to mounting stud interference. Use a RK rotatable flange for the XK and the RA for the AK flange.
4. All speeds shown are with the transmission in 7th speed, or direct, and rear box in neutral. For speeds with main box in all the gear positions available, see the PTO speed chart on last MAK-27 page.
5. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

MAK-28

1. All speeds shown are with the main transmission in 4th., 10th., or 11th speed, and rear box in neutral. For speeds with main transmission in other gears, multiply speeds shown as follows: 1st. = .323; 2nd., 6th. & 7th. = .515; 3rd., 8th., & 9th. = .720; 5th., 12th., & 13th = 1.405.
2. With main box in reverse, the direction of rotation on the PTO output shaft will change.
3. The AK & XK output flanges can not be used with the A & C ratios on the 489 Series PTOs due to mounting stud interference. Use a RK rotatable flange for the XK and the RA for the AK flange.
4. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

MAK-29

1. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

MAK-31

1. For PTO output speeds on the T2110B Main Section, see Mack application MAK-24.
2. The Rear Section PTO speeds are shown with the Main Section in 5th gear or Direct and the Rear Section in Neutral.
3. For all other Main Section gear shift positions use the following multiplication factors to determine your PTO output speeds:
1st gear = .255, 2nd & 7th gear = .450, 3rd & 8th gear = .590, 4th & 9th gear = .629 and 6th & 11th gear = 1.067.
4. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

MAK-32

1. Using the 328554-2X adapter will permit PTO installation on trucks with set back front axle.
2. The AK & XK output flanges can not be used with the A & C ratios on the 489 Series PTOs due to mounting stud interference. Use a RK rotatable flange for the XK and the RA for the AK flange.
3. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.

Mack Notes

MAK-33

1. The 54 tooth gear in the transmission is located rearward of the vertical center line by .320.
 2. The 442/489 R, S, U, W, X ratios and 880 R and T ratios cannot be mounted on this transmission because the OD of the ratio gear will interfere with the OD of the 54 tooth PTO drive gear in the transmission.
 3. 272/282 Series - Must be used as an air shift PTO. Order air shift options only.
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MAK-34

1. Connection to Volvo/Mack system is required for Volvo I-Shift or Mack M-Drive. The vehicle needs to be ordered with PTO prep package. Vehicle ECU must be programmed by dealer for PTO operation.
 2. PTO must be ordered with the V shift option and use the OE factory supplied in-dash PTO switch.
 3. 524 Rear Mount - The adapter 329980X is furnished with the PTO.
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MAK-34H

1. Connection to Volvo/Mack system is required for Volvo I-Shift or Mack M-Drive. The vehicle needs to be ordered with PTO prep package.
2. PTO must be ordered with the V shift option and use the OE factory supplied in-dash PTO switch.
3. 524 Rear Mount - The adapter 329980X is furnished with the PTO.