



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.

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APPLICATIONS





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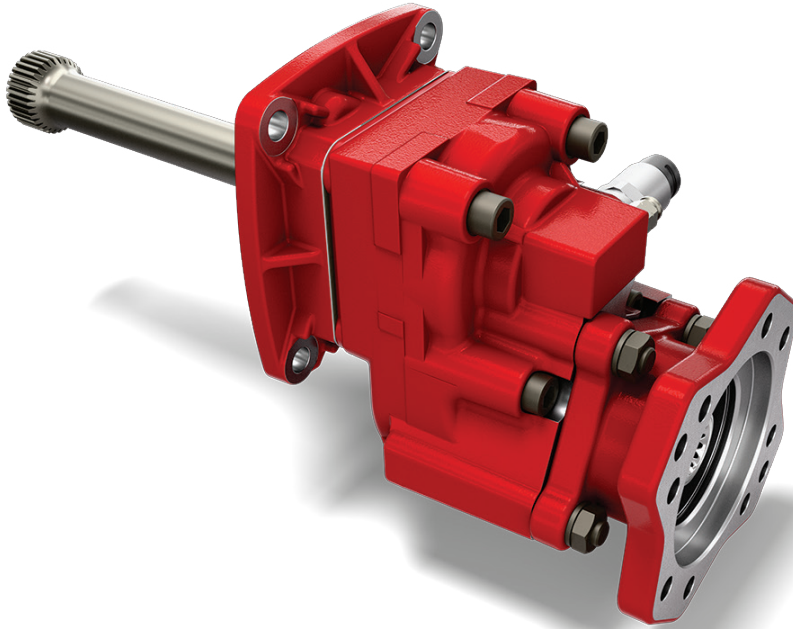
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VOLVO



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VOLVO TRANSMISSION INDEX

Transmission Make and Model	PTO Appl.	Number Forward	Teeth in PTO
	Number	Speeds	Driver
AT2412 (I-Shift) High Split Ratio	VLV-10H	12	CS
AT2412 (I-Shift) Low Ratio	VLV-10	12	CS
AT2512 (I-Shift) High Split Ratio	VLV-10H	12	CS
AT2512 (I-Shift) Low Ratio	VLV-10	12	CS
AT2512C (I-Shift) High Split Ratio	VLV-10H	12	CS
AT2512C (I-Shift) Low Ratio	VLV-10	12	CS
AT2612 (I-Shift) High Split Ratio	VLV-10H	12	CS
AT2612 (I-Shift) Low Ratio	VLV-10	12	CS
AT2612D (I-Shift) High Split Ratio	VLV-10H	12	CS
AT2612D (I-Shift) Low Ratio	VLV-10	12	CS
AT2812 (I-Shift) High Split Ratio	VLV-10H	12	CS
AT2812 (I-Shift) Low Ratio	VLV-10	12	CS
AT2812C (I-Shift) High Split Ratio	VLV-10H	12	CS
AT2812C (I-Shift) Low Ratio	VLV-10	12	CS
ATO2512 (I-Shift) High Split Range	VLV-13H	12	CS
ATO2512 (I-Shift) Low Ratio	VLV-13	12	CS
ATO2512C (I-Shift) High Split Range	VLV-13H	12	CS
ATO2512C (I-Shift) Low Ratio	VLV-13	12	CS
ATO2612 (I-Shift) High Split Range	VLV-13H	12	CS
ATO2612 (I-Shift) Low Ratio	VLV-13	12	CS
ATO2612C (I-Shift) High Split Range	VLV-13H	12	CS
ATO2612C (I-Shift) Low Ratio	VLV-13	12	CS
ATO2612D (I-Shift) High Split Range	VLV-13H	12	CS
ATO2612D (I-Shift) Low Ratio	VLV-13	12	CS
ATO2613F (I-Shift) High Split Range	VLV-13H	12	CS
ATO2613F (I-Shift) Low Ratio	VLV-13	12	CS
ATO3112 (I-Shift) High Split Range	VLV-13H	12	CS
ATO3112 (I-Shift) Low Ratio	VLV-13	12	CS
ATO3112C (I-Shift) High Split Range	VLV-13H	12	CS
ATO3112C (I-Shift) Low Ratio	VLV-13	12	CS
ATO3112D (I-Shift) High Split Range	VLV-13H	12	CS
ATO3112D (I-Shift) Low Ratio	VLV-13	12	CS
V2412AT (I-Shift) High Split Ratio	VLV-10H	12	CS
V2412AT (I-Shift) Low Ratio	VLV-10	12	CS
V2512AT (I-Shift) High Split Ratio	VLV-10H	12	CS



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.

VOLVO TRANSMISSION INDEX

Transmission Make and Model	PTO Appl. Number	Number Forward Speeds	Teeth in PTO Driver
V2512AT (I-Shift) Low Ratio	VLV-10	12	CS
V2812AT (I-Shift) High Split Ratio	VLV-10H	12	CS
V2812AT (I-Shift) Low Ratio	VLV-10	12	CS
VO2512AT (I-Shift) High Split Range	VLV-13H	12	CS
VO2512AT (I-Shift) Low Ratio	VLV-13	12	CS
VO3112AT (I-Shift) High Split Range	VLV-13H	12	CS
VO3112AT (I-Shift) Low Ratio	VLV-13	12	CS



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.

CHELSEA®**VOLVO****VLV-10**

AT2412 (I-Shift) Low Ratio
 AT2512 (I-Shift) Low Ratio
 AT2512C (I-Shift) Low Ratio
 AT2612 (I-Shift) Low Ratio
 AT2612D (I-Shift) Low Ratio
 AT2812 (I-Shift) Low Ratio
 AT2812C (I-Shift) Low Ratio
 V2412AT (I-Shift) Low Ratio

V2512AT (I-Shift) Low Ratio
 V2812AT (I-Shift) Low Ratio

REAR SIDE ONLY**TRANSMISSION GEAR DATA:**

REAR 04-BOLT Opening NON-STANDARD of Centerline
 0 Teeth

PITCH LINE TO APERTURE FACE:

0.0000" (0.0000 mm)

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	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®

VOLVO

VLV-10H

AT2412 (I-Shift) High Split Ratio
 AT2512 (I-Shift) High Split Ratio
 AT2512C (I-Shift) High Split Ratio
 AT2612 (I-Shift) High Split Ratio
 AT2612D (I-Shift) High Split Ratio
 AT2812 (I-Shift) High Split Ratio
 AT2812C (I-Shift) High Split Ratio
 V2412AT (I-Shift) High Split Ratio

V2512AT (I-Shift) High Split Ratio
 V2812AT (I-Shift) High Split Ratio

REAR SIDE ONLY**TRANSMISSION GEAR DATA:**

REAR 04-BOLT Opening NON-STANDARD of Centerline
 0 Teeth

PITCH LINE TO APERTURE FACE:

0.0000" (0.0000 mm)

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®

VOLVO

VLV-13

ATO2512 (I-Shift) Low Ratio
ATO2512C (I-Shift) Low Ratio
ATO2612 (I-Shift) Low Ratio
ATO2612C (I-Shift) Low Ratio
ATO2612D (I-Shift) Low Ratio
ATO2613F (I-Shift) Low Ratio
ATO3112 (I-Shift) Low Ratio
ATO3112C (I-Shift) Low Ratio

ATO3112D (I-Shift) Low Ratio
VO2512AT (I-Shift) Low Ratio
VO3112AT (I-Shift) Low Ratio

REAR SIDE ONLY**TRANSMISSION GEAR DATA:**

REAR 04-BOLT Opening NON-STANDARD of Centerline
0 Teeth

PITCH LINE TO APERTURE FACE:

0.0000" (0.0000 mm)

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®**VOLVO****VLV-13H**

ATO2512 (I-Shift) High Split Range
 ATO2512C (I-Shift) High Split Range
 ATO2612 (I-Shift) High Split Range
 ATO2612C (I-Shift) High Split Range
 ATO2612D (I-Shift) High Split Range
 ATO2613F (I-Shift) High Split Range
 ATO3112 (I-Shift) High Split Range
 ATO3112C (I-Shift) High Split Range

ATO3112D (I-Shift) High Split Range
 VO2512AT (I-Shift) High Split Range
 VO3112AT (I-Shift) High Split Range

REAR SIDE ONLY**TRANSMISSION GEAR DATA:**

REAR 04-BOLT Opening NON-STANDARD of Centerline

0 Teeth

PITCH LINE TO APERTURE FACE:

0.0000" (0.0000 mm)

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

PTO Model	Torq		Dir	Engine %		Filler Block	Adapter ASSY	Stud Kit	PTO Model	Torq		Dir	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	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.

Volvo Notes

VLV-10

1. Connection to Volvo 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.
-

VLV-10H

1. Connection to Volvo 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.
-

VLV-13

1. Connection to Volvo 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.
-

VLV-13H

1. Connection to Volvo 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.