

 **TEREX** | TRUCKS

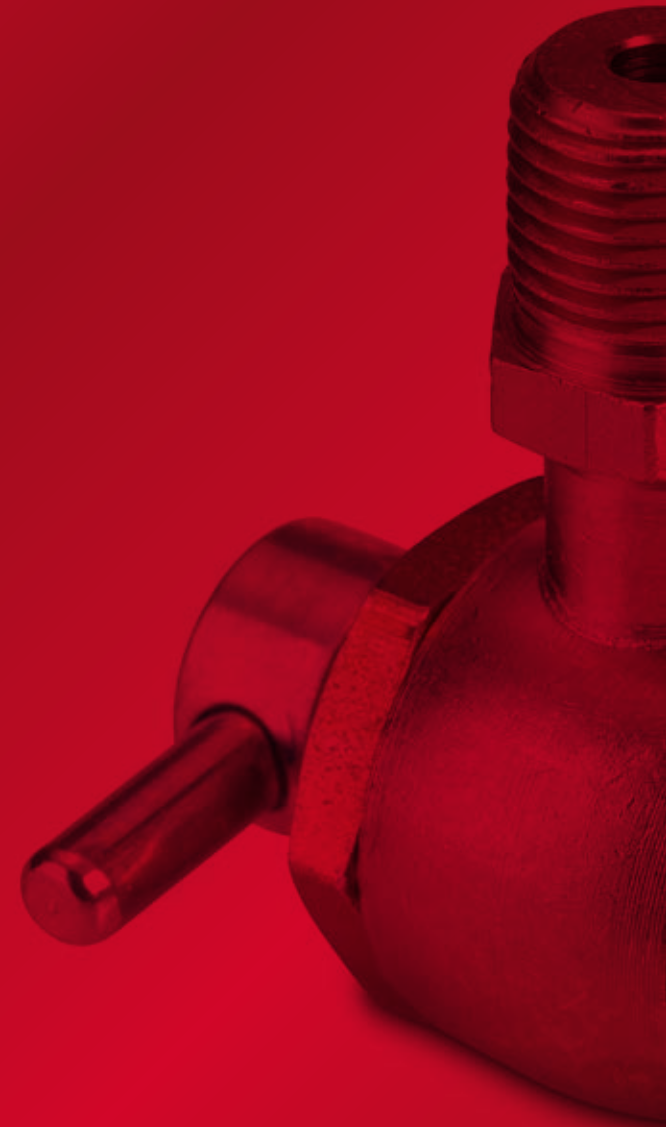
A DIVISION OF VOLVO CONSTRUCTION EQUIPMENT



HAND TOOLS

**RIGID TRUCK
PRODUCT
CATALOGUE**





**There is nothing a
good technician needs
more than good tools.**



We at Terex Trucks have a global reputation for quality, reliability and durability because we design and build trucks that last. However, during the course of truck ownership, the need for regular scheduled service and maintenance procedures is inevitable.

With today's economic challenges, where you have people and customers counting on you, it's critical a truck's ability to perform and produce are kept at maximum levels and downtime to a minimum.

To achieve this it is essential effective and efficient service and maintenance procedures are applied and tools specially designed for the purpose are used.

Our comprehensive range of Terex Trucks purpose-designed hand tools give trained service and maintenance technicians exactly the tools they need to perform truck repairs and maintenance efficiently and effectively, in turn maintaining truck productivity and making the technician's job easier.

Providing a technician with the best tools for the job means less downtime, lower life-cycle costs and, greater productivity for a truck.

**2 YEARS
PARTS
WARRANTY**

2 years or 6000 hours warranty (whichever comes first)

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THE RIGHT TOOL FOR THE RIGHT JOB

01 / ACCUMULATORS RIDE CYLINDER CHARGING

Ride Cylinder Charging

An essential requirement for a dealer to own is a Charging Assembly

PART No.	TOOL TYPE
9359489	Charging Assembly
15503560	Use with 9359489 for charging both suspension legs simultaneously

Charging Rear Ride Cylinders

PART No.	TOOL TYPE
454145	Tee Piece
15269788	Hose
15269789	Chuck Valve
15269790	Valve Extension

Charging Front Ride Cylinders

Each of the above, plus the following:

PART No.	TOOL TYPE
444355	Coupling



Tee Piece
Part No. 454145



Chuck Valve
Part No. 15269789



Valve Extension
Part No. 15269790



Coupling
Part No. 444355



02 / ADHESIVES AND SEALANTS

Adhesive and Sealants

PART No.	TOOL TYPE
9029849	243
9175039	General Adhesive
9243825	Activator 'T'
9244598	270
9244598	270
9362529	225
9371048	638
9379518	574 (160 ml)
15233715	Prism 406
15269104	275
15269105	515
15269106	577 (Superflex)
15270244	592 Pipe Sealer with Teflon
15270516	Wynn's STP
15303808	Silicon Grease (Dielectric)
15304830	5205 (Ref. Sec. 160-0020)
15305445	7063 Cleaning Agent

Specific to Model No. TR45 / TR60 /TR100

PART No.	TOOL TYPE
15234244	Sealant Cord (Ref. Sec. 160-0020)



7063 Cleaning Agent
Part No. 15305445



577 (Superflex)
Part No. 15269106



243
Part No. 9029849

Sealant Cord
Part No. 15234244



03 / CAB

04 / COOLING & AIR CONDITIONING

PART No.	TOOL TYPE
15271016	Glass Removal Tool
15271017	Bonding Kit (Quick Dry)

Specific to truck models: TR45 / TR60 / TR100

PART No.	TOOL TYPE
15269814*	DCA4 Test Kit - Metric

Specific to truck models: TR45 / TR60 / TR70 / TR100

PART No.	TOOL TYPE
15269816	Refractometer - °C Scale
15269817	Refractometer - °F Scale
15269845	Halogen Leak Tester

Specific to truck model: TR70

PART No.	TOOL TYPE
15500001	Coolant Test Strips - Bottles of 10 strips
15500002	Coolant Test Strips - Individual foil packed

*License required from local Allison dealer.

05 / DIAGNOSTIC TOOLS

D.D.R - Diagnostic Data Reader -
Detroit Diesel applicable

PART No.	TOOL TYPE
15275098	Multi-Kit (DDR, Cartridge & Cables)
15275096	DDEC III/IV Card
15268971	Spare DDR
15270310	Spare Adaptor Cable

D.D.R - Diagnostic Data Reader -
Allison applicable

PART No.	TOOL TYPE
15275098	Multi-Kit (DDR, Cartridge & Cables)
15275180	CEC2 Card
15268971	Spare DDR



DCA4 TEST KIT - METRIC
Part No. 15269814

05 / DIAGNOSTIC TOOLS

Diagnostic Optimised Connection

This Interface tool is applicable for Cummins, MTU and Allison.

PART No.	TOOL TYPE
15502615*	Doc Vehicle Interface Kit

Contains:

15504416	CABLE_ATARI 15 M For use with CEC2 interface connector 15275099
15275099	For use with CEC2 interface cable 15504416

Insite Diagnostic Tool - Cummins applicable

PART No.	TOOL TYPE
15500623	Includes Insite Program & Inline Connector
15501453*	Insite Software CD-ROM
15501478	Inline Connector Interface

Quickcheck Diagnostic - Cummins applicable

PART No.	TOOL TYPE
15501303	Includes Handheld and Cables

For 15501453 training and licence are required from your local Cummins dealer.

CEC Electronic Diagnostic

PART No.	TOOL TYPE
15275097	SOFTWARE ATEC11111CARD
15504949	Sensor Translator
15269231	CEC Off-Highway Diagnostic Service Kit

Product above contains:

Wire Cutter, Stripper and Terminal
Jumper Wire Set
Terminal Crimper
Terminal Remover - Metri Pack (J1A, J1B, J3 and Shift Selector Connector Terminals)
Terminal Remover - Speed Sensor and Throttle Position Sensor Terminals
Terminal Remover - Depress holding prong on ECU and DDL Connector Terminals
PROM Remover
High Impedance Digital Multimeter Kit
AMP Pin Remover - Remove terminal pins from Interface and Shift Selector Connectors
Terminal Crimper - Weatherpac



For use with CEC2 interface cable 15504416
Part No. 15275099



Insite Software CD-ROM
Part No. 15501453



DOC VEHICLE INTERFACE KIT
Part No. 15502615



CABLE_ATARI 15 M
Part No. 15504416

*License required from local Allison dealer.

06 / ENGINE REPAIR AND RE-MANUFACTURE

Model TR45 / TR60 / TR100

PART No.	TOOL TYPE
15269957	Torque Wrench Adaptor
15269975	Pulley Installation Tool
15270437	Piston Ring Expander
15270452	Liner Installation Tool
15270982	Set, Cylinder Liner Clamp
15269956	Standard Puller
15269969	Universal Cylinder Liner Puller
15270440	Water Tube Driver
15270448	Connecting Rod Guide Pins
15270972	Main Bearing Cap Puller
15272192	Compressor, Piston Ring
15269959	Main Bearing Cap Puller
15269960	Dial Gauge Attachment
15269961	Dial Indicator Gauge
15269992	Expansion Plug Driver
15269999	Gauge Block
15270007	Dowel Pin Extractor
15270022	Valve Seat Inserter Tool
15270040	Valve Spring Tester
15270056	Water Pump Bearing Mandrel
15270060	Water Pump Bearing Mandrel
15270061	Water Pump Bearing Separator

15270068	Pump Seal Driver
15270070	Coupling Puller
15270078	Manometer
15270431	Hydrostatic Tester
15270441	Valve Seat Extractor
15270480	Valve Seat Extractor
15270481	Cup Plug Driver
15270482	Cup Plug Driver
15270483	Cup Plug Driver
15272178	Concentricity Gauge
15272179	Gauge, Belt Tension
15272180	Compressor, Valve Spring
15272182	Fixture, Cylinder Head Water Test
15272185	Dolly, Valve Seat Staking
15272186	Driver, Compressor Seat Installation
15272187	Driver, Compressor Seat Remover
15272190	Fixture, Rod Bolt Checking
15272193	Kit, Cylinder Head Leak Test
15272195	Handle, T Lift Stud
15272196	Kit, Pulley Installation Adapter
15272197	Driver Low Temperature Thermostat Seal
15272198	Gauge, Piston Ring Groove
15272199	Gauge, Valve Head Thickness Check

15272200	Gauge, Valve Clearance
15272201	Driver Oil Seal
15272202	Fixture, Injector Timing
15272203	Gauge, Head Bolts
15272204	Mandrel, Air Compressor Bushing
15272205	Torque Wrench (0-150 in lbs)
15272206	Wrench, Oil Filter
15272207	Set, Fillet Ball Gauges
15272208	Puller, Water Pump Impeller
15272209	Puller, Idler Shaft
15272211	Wrench, Injector Preload Torque
15503313	Cummins inline 5 kit



06 / ENGINE ASSEMBLY

Model TR100 - Engine Assembly

PART No.	TOOL TYPE
15269957	Torque Wrench Adaptor
15269975	Pulley Installation Tool
15270437	Piston Ring Expander
15270452	Liner Installation Tool
15270982	Set, Cylinder Liner Clamp
15270982	Set, Cylinder Liner Clamp
15270439	Oil Seal Puller
15270444	Pipe Sealant Tube
15270450	Piston Ring Compressor
15270454	Injection Timing Tool
15270469	Gauge, Block
15270485	Silicone Adhesive Sealant RTV
15270973	Rebuild Stand (2)
15270974	Engine Lifting Fixture
15270977	Seal and Wear Ring Driver
15270979	Rocker Lever Actuator
15270980	Oil Seal Driver/Puller
15270981	Inch Pound Torque Wrench
15270983	Injector and Valve Adjustment Kit

Engine Assembly

PART No.	TOOL TYPE
15269956	Standard Puller
15269969	Universal Cylinder Liner Puller
15270440	Water Tube Driver
15270448	Connecting Rod Guide Pins
15270972	Main Bearing Cap Puller
15270975	Engine Rollover Stand (Moveable)
15270976	Universal Injector Puller

Model TR70

PART No.	TOOL TYPE
15270271	Diagnostic Jumper Wire Kit
15273794	Detroit Diesel Diagnostic Link (CD)
15273795	DDEC Repair Kit
15273999	Cam Follower Installer/Remover



INCH POUND TORQUE WRENCH
Part No. 15270981



*INJECTOR AND VALVE
ADJUSTMENT KIT*
Part No. 15270983

07 / GENERAL

Pressure Checks

An essential requirement for a dealer to own is a Diagnostic Coupling Connection.

PART No.	TOOL TYPE
15269784	Multi-Gauge - Pressure range of 30 in of vacuum to 5 000 lbf/in ²

The following items should be added to the multi-gauge to enable the gauge to be used on diagnostic test points:

15018226	Diagnostic Coupling
118748	Connector (2 off)
15004085	Hose Assembly (-4 HP, 84 in long)



CONNECTOR (2 OFF)
Part No. 118748

DIAGNOSTIC COUPLING
Part No. 15018226



Kit Hand Tool

PART No.	TOOL TYPE
15250127	Hand Tool Kit

Product above contains:

1 Set Feeler Gauges (6")
1 Ball Pein Hammer (2 Lbs)
4 Screwdrivers: 8" 5006/8, 6" 5006/6, 2½", Phillips
1 Adjustable Wrench (18" Bacho)
Set Vice Pliers - Mole 6
1 Set Hex Wrench Set - Allan Keys: Proto 4976A, Proto 4971
1 Toolbox
1 Mallet - Nylon Proto 1383
1 Hacksaw - Eclipse 40PG (5 Blades)
1 Combination Set: 1⅛, 1¼
1 Set Combination Pliers - Proto 263G
1 Set ½" SD Socket Set A/F: 7/16", ½", 9/16", 5/8", 11/16", 3/4" 15/16", 7/8", 1", 1 1/8", 1 1/4"
1 Set General Utility Pliers: Elliot Lucas PW 2162-8
1 7/16" Centre Punch - Eclipse 85A
1 Flat Chisel - 1" Eclipse, Cat No. CB151V
1 12" Pinch Bar
1 O.E. Spanner Set: 7/16" X 3/8", 1/2" X 9/16", 5/8" X 11/16", 3/4" X 7/8", 13/16" X 7/8", 15/16" X 1"
1 Ring Spanner Set: 7/16" X 3/8", 1/2a" X 9/16", 5/8" X 11/16", 3/4" X 7/8" 13/16" X 7/8", 15/16" X 1"
1 ½" Sq. Dr. 5" Long Extn.
1 ½" Sq. Dr. Ratchet
1 ½" Sq. Universal



*NON-CONTACT INFRARED
THERMOMETER*
Part No. 15269785

07 / GENERAL

PART No.	TOOL TYPE
15268969	Socket Type Filter Wrench
15268970	Universal Belt Tension Gauge
15269785	Non-contact Infrared Thermometer
15269802	Dial Indicator Gauge - Metric
15269803	Dial Indicator Gauge - Imperial
15269804	Magnetic Base for Dial Indicator Gauge
15269805	Micrometer - 0 to 25 mm
15269807	Micrometer - 400 to 500 mm
15269808	Micrometer - 16 to 20 in
15269809	Internal Micrometer - 50 to 210 mm
15269810	Internal Micrometer - 2 to 8 in
15269813	Water Manometer
15269858	Digital Tachometer
15269859	Multimeter
15269860	92 Piece Heavy Equipment Tool Kit
15269861	Torque Wrench - 3/8 in drive
15269862	Torque Wrench - 1/2 in drive
15269863	Torque Wrench - 3/8 in drive
15269864	Torque Wrench - 3/4 in drive
15269865	Torque Wrench - 3/4 in drive
15269866	Torque Multiplier - 1/2 in to 1 in drive

Specific to Model No. TR45

PART No.	TOOL TYPE
15269680	Window Seal Installer and Remover Tool

Pre-Filters Tools

Specific to Model No. TR45

PART No.	TOOL TYPE
15503453	Collar/Vent Cap Wren
15272183	Cutter, Oil Filter



TORQUE MULTIPLIER - 1/2 IN TO 1 IN DRIVE
Part No. 15269866



Torque Wrench - 3/8 in drive
Part No. 15269861



COLLAR/VENT CAP WREN
Part No. 15503453

08 / OCDB BRAKE PACKS

Specific to truck models: TR60 / TR70 / TR100

PART No.	TOOL TYPE
15265300	Seal Installation Tool
15265301	Seal Installation Tool
15267573	Seal Installation Kit

Specific to truck models: TR45

PART No.	TOOL TYPE
15269783	Seal Installation Kit
15269781	Seal Installation Tool
15269782	Seal Installation Tool



SEAL INSTALLATION TOOL
Part No. 15269781



SEAL INSTALLATION KIT
Part No. 15269783

09 / REAR AXLE - WHEEL, RIM AND TYRE

Specific to truck models: TR100

PART No.	TOOL TYPE
15362182	Plate Gauging - For accurate setting of the Bearing Pre-load

PART No.	TOOL TYPE
15251192	Tyre Inflation Kit (Air)
15270392	Hydraulic Bead Breaking Kit



TYRE INFLATION KIT
Part No. 15251192



HYDRAULIC BEAD BREAKING KIT
Part No. 15270392

10 / TRANSMISSION

Tools Required for CEC 2 Wiring Harness - Wiring Repairs

PART No.	TOOL TYPE
15275719	Sealed Splice (14-16 AWG)
15275720	Sealed Splice (18-22 AWG)
15275721	Crimper - Deutsch Connector
15275722	Crimper (Alternate) - Throttle Position
15275723	Wire Stripper
15275724	Remover - Delphi Packard (DDL)
15275725	Remover - Throttle Position Sensor
15275726	Remover - Deutsch Connector
15275727	Crimper - Throttle Position Sensor, Delphi
15275728	Crimper - Speed Sensors, Throttle Position
15275729	Crimper - Broken cable
15275730	Remover - Deutsch Connector(Optional)
15275731	Remover - ECU Connectors, Shift Selector
15275732	Connector Repair Kit - Transmission
15275733	Guide Pin - Transmission Harness
15275734	Insertion Tool - Transmission Harness
15275735	Terminal Remover - Transmission Harness
15275736	Crimper - ECU Connectors, Shift Selector

Transmission Maintenance Procedure Tools

PART No.	TOOL TYPE
15270422	Stator Assembly Installing Tool
15270423	Support Legs
15270424	Switch Sequence Gauge
15270428	Belville Assembly Spring Compressor

Specific to truck models: TR45 / TR60 / TR70

PART No.	TOOL TYPE
15270427	Torque Converter Spanner Wrench



11 / HYDRAULIC TESTING

For Hydraulic testing the following are required:

PART No.	TOOL TYPE
15269784	Multi Gauge
15004085	Hose
15018226	Coupling Piece
118748	Connector



Multi Gauge
 Part No. 15269784

12 / ELECTRICAL

PART No.	TOOL TYPE
15504677	Digital Multimeter



Digital Multimeter
 Part No. 15504677



A DIVISION OF VOLVO CONSTRUCTION EQUIPMENT

HAND TOOLS / RIGID TRUCK PRODUCT CATALOGUE

www.terextrucks.com

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