













# **SPECIAL TOOL CATALOGUE**












**Please Find Below The Special Tool Report With Images**

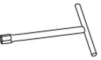












**Print Date: 24/04/2024**




Agg	Agg Nomen.	Tool Prt No	Tool Desc	Purpose	Deal. Cat. Norms	Cat. Norms	Segment	Remarks	Images
Engine	E483,E683,E494,E694	153801	Bypass filter wrench	Removal & Installation Spin type filter wrench	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://iTube.v ecv.in/itube/watch_video.php?v=DA2 WWO755YW G">http://iTube.v ecv.in/itube/watch_video.php?v=DA2 WWO755YW G</a>	
Engine	VEDX5,VED X8	ST000206I	Back Pressure measuring tool	Measure back pressure while muffler gets chocked	3S, EASC, ESS & EESS	Mandatory	HD		
Transmission	ET30 S5,ET35 S5	153463	Bearing puller & installer	Bearing puller and installer (ET30S5) (ET35S5)	3S, EASC & ESS	Mandatory	LMD		
Front Axle		ST126253	Hub Puller	Removal of front wheel hub	3S, EASC, ESS & EESS	Mandatory	HD		
Front Axle		153030	Bolt & Nut Kingpin Pulver	Removal of kingpin, child part of 153004	3S, EASC, ESS & EESS	Mandatory	LMD		
Front Axle		ST126264	Bush removal and installer	Installation of kingpin bush	3S & EASC	Mandatory	HD		
Front Axle		32605	Oil seal installer	Installation of front hub inner oil seal	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Front Axle		ST000055	Installer Sub Assy Seal & Spacer	For Sub Assy of Seal & Spacer( Inner & Outer)	3S & EASC	Mandatory	LMD & HD		
Front Axle		ST000056	Sub Assy Spacer	For Sub Assy of Seal & Spacer( Inner & Outer)	3S & EASC	Mandatory	LMD & HD		
Front Axle		ST000057	Installer seal & spacer Assy	For Installation Of Seal & Spacer Assy ( Inner & Outer) in Hub	3S & EASC	Mandatory	LMD & HD		
Front Axle		ST000058	Assy Spacer	For Installation Of Seal & Spacer Assy ( Inner & Outer) in Hub	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Front Axle		ST141623	Steering ball joint puller	Removal of drag link and tie rod ball joint from vehicle	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Front Axle		1000001	Hub puller	Removal of front wheel hub	3S, EASC, ESS & EESS	Desirable	LMD		
Front Axle		32604	Dust cover front hub	Installation of front hub dust cover	3S, EASC, ESS & EESS	Optional	LMD		
Rear Axle		ST227109	Inner oil seal dolly	Applicable for old 40.40TT	3S, EASC & ESS	Optional	LMD		


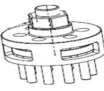






Rear Axle		153164	Cylinder gauge	Over hauling of Over hand type differential	3S & EASC	Optional	LMD		
Rear Axle		153724	Gradability adopter	Removal can be done w/o this tool	3S & EASC	Optional	LMD		
Rear Axle		202705	Dust cover installer	Dust cover installer (MD)	3S, EASC & ESS	Optional	LMD		
Rear Axle		153043	Lock nut wrench	Removal & installation of rear wheel bearing nut	3S, EASC, ESS & EESS	Mandatory	LMD		
Rear Axle		ST000017	Kit-Front and rear hub puller	Removal of rear and front wheel hub In Combination with child parts: Hub Puller- 0230002 & Adaptor - 0032720	3S, EASC, ESS & EESS	Mandatory	LMD		
Rear Axle		152994	Rear hub bearing installer	Installation of rear wheel hub bearing and out race	3S, EASC, ESS & EESS	Mandatory	LMD		
Rear Axle		153614	Lock nut wrench	Removal and installation of rear wheel hub nut	3S, EASC, ESS & EESS	Mandatory	LMD		
Rear Axle		ST000213M	Hub Lock nut wrench	Removal and installation of rear wheel hub lock nut Communized against 172704, 0032709	3S, EASC, ESS & EESS	Mandatory	LMD		
Rear Axle		ST000015	Kit Hub Puller	Removal of wheel Hub In Combination with below child parts: Hub Puller- 153053 & Adaptor- 0032720	3S, EASC, ESS & EESS	Mandatory	LMD		
Rear Axle		153173	Pinion height gauge	Pinion height gauge-used to calculate C error	3S, EASC & ESS	Mandatory	LMD		
Rear Axle		152984	Differential side bearing installer	Installation of side bearing race	3S & EASC	Mandatory	LMD		
Rear Axle		153725	Oil seal installer	Installation of bearing retainer oil seal	3S, EASC, ESS & EESS	Mandatory	LMD		
Rear Axle		153728	DIFF. side bearing adjusting tool	Tightening of differential bearing nut	3S & EASC	Mandatory	LMD		

Rear Axle		202701	Rear hub Inner & outer oil seal installer	Rear hub Inner & outer oil seal installer	3S, EASC, ESS & EESS	Mandatory	LMD		
Rear Axle		1002704	Rear hub inner & outer oil seal instiller	Rear hub inner & outer oil seal installer	3S, EASC, ESS & EESS	Mandatory	LMD		
Rear Axle		202702	Oil seal spacer installer	Oil seal spacer installer	3S, EASC, ESS & EESS	Mandatory	LMD		
Rear Axle		152974	Pinion bearing installer	Bearing installer for 305 Ø /320 Ø	3S, EASC, ESS & EESS	Desirable	LMD		
Rear Axle		ST227110	Outer oil seal dolly	Outer oil seal dolly	3S, EASC, ESS & EESS	Mandatory	LMD		
Rear Axle		ST000212M	Rear axle shim selection gauge	Pinion height gauge-used to calculate C error	3S & EASC	Mandatory	LMD & HD		
Rear Axle		ST111532	Pressure checking gauge	Checking the pressure of pressure limiting valve of lift axle	3S, EASC, ESS & EESS		HD	ST111532 Commonised with ST000106,H enceforth for further requirement of tool please order ST000106	
Rear Axle		ST000209M	Companion flange puller	Removal of companion flange	3S & EASC	Mandatory	LMD		
Rear Axle		ST000007	Kit-Differential and Propeller shaft bearing puller	Kit-Removal of differential bearings and propeller shaft centre bearing removal In Combination with below child parts: ST000004 Differential Bearing puller 152424 Adaptor - 0032720, Adaptor - 202602 - Adaptor ST000007 is commonised against - 0032726, 0032701,152893, 0032704,153020,153727, St027297, ST027301, 0052702, 0052703, 0052704, 0062708, 152424, 0032720, 202602)	3S & EASC	Mandatory	LMD & HD		





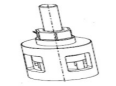








Rear Axle		ST622500	Bearing race installer	Installation of bearing race Commonised against 0032707, 0032708, 0202703, 1002701, 1002702, 202704, 153010, 0052717, 0052718, 0032723, 0032722, St027279, 0052705, 0052706, 0062704, 0062705, 0062716, 0062717, 0032606, 0032607, 1002601, 1002602	3S, EASC, ESS & EESS	Mandatory	LMD		
Rear Axle		ST227107	Wheel bearing inner cone pressing tool Tractor Trailer	To press inner cone wheel bearing	3S & EASC	Optional	LMD & HD		
Rear Axle		ST227108	Wheel bearing outer cone pressing tool Tractor Trailer	To press outer cone wheel bearing	3S & EASC	Optional	LMD & HD		
Rear Axle		ST626491	Hub bearing greaser	Greasing of hub bearing	3S, EASC, ESS & EESS	Desirable	LMD & HD		
Rear Axle		ST127616	Flange Locking tool	Flange locking of TM and differential	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Rear Axle		ST126610	Skewness MA setting tool	Skewness setting of single axle and multi axle vehicle	3S & EASC	Mandatory	LMD & HD		
Rear Axle		003 27 21	Differential working base	Working base for differential carrier assembly			LMD		
Rear Axle		32718	Differential side bearing	Installation of side bearing	3S & EASC	Mandatory	LMD & HD		
Engine	Cummins Engine	51118	Plunge lift adaptor	For checking of fuel injection timing	3S, EASC, ESS & EESS	Mandatory	HD		
Engine	E483,E683-Diesel	ST111457	Compression gauge adaptor (Mechanical)	Measuring compression pressure.	3S & EASC	Mandatory	LMD	<a href="http://iTube.v ecv.in/itube/watch_video.php?v=DA2 WWO755YWG">http://iTube.v ecv.in/itube/watch_video.php?v=DA2 WWO755YWG</a>	
Engine	E483-Diesel	ST111456	Compression gauge adaptor (CRS)	Measuring compression pressure.	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://iTube.v ecv.in/itube/watch_video.php?v=DA2 WWO755YWG">http://iTube.v ecv.in/itube/watch_video.php?v=DA2 WWO755YWG</a>	

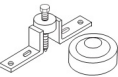








Engine	E483 CNG	ST027302	Spark plug spanner (CNG)	Spark plug spanner (CNG)	3S, EASC, ESS & EESS	Mandatory	LMD		
Engine	E483,E683,E494,E694	153802	Plunger lift adopter	For Checking fuel timing	3S, EASC, ESS & EESS	Mandatory	LMD		
Engine	E483,E683,E494,E694	1230003	Angular torquing	To provide angular torque to flywheel & main bearing bolts	3S, EASC & ESS	Mandatory	LMD		
Engine	E483,E683	ST011667	Gauge Assy	To check injector back leak	3S, EASC & ESS	Mandatory	LMD		
Engine	E366	ST000020	Balancer Shaft Oil Seal Installer	Installation of balancer shaft oil seal	3S & EASC	Mandatory	LMD	<a href="http://itube.vc.in/itube/watch_video.php?v=5MG8UA2N94MG">http://itube.vc.in/itube/watch_video.php?v=5MG8UA2N94MG</a>	
Engine	E366, E474, E494	ID374280	Chain Tensioner Locking Pin	To lock the auto chain tensioner while removing	3S & EASC	Mandatory	LMD	<a href="http://itube.vc.in/itube/watch_video.php?v=5M5YKUXBSBAM">http://itube.vc.in/itube/watch_video.php?v=5M5YKUXBSBAM</a>	
Engine	Cummins Engine /VEDX5 & VEDX8	ID347648	Mech tool injector puller	To remove injector	3S, EASC, ESS & EESS	Mandatory	HD	<a href="http://iTube.vc.in/itube/watch_video.php?v=233KBYW1S6BR">http://iTube.vc.in/itube/watch_video.php?v=233KBYW1S6BR</a>	
Engine	E494-CNG	ST000090	INJECTOR SLEEVE REMOVER SERVICE TOOL	Spark plug sleeve extractor tool for E494 CNG	3S, EASC, ESS & EESS	Mandatory	LMD		
Engine	E366 , E474	ST000132	Impact Extractor tool	Engine overhoulng	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Engine	E483, E366, E474,E494	152914	Mech.Tool Engine Lifting Chain	Mech.Tool Engine Lifting Chain	3S & EASC	Desirable		<a href="http://iTube.vc.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.vc.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E483, E683	1231105	Mech.Tool Bush-Con.Rod Bush Installer (M	Mech.Tool Bush-Con.Rod Bush Installer (M	3S & EASC	Desirable for engine Overhauling			
Engine	E494	152294	Mech.Tool Con.Rod Bush Installer	Mech.Tool Con.Rod Bush Installer	3S & EASC	Desirable for engine Overhauling			
Engine	E483, E683	152714	Mech.Tool Camshaft Bushing Inst.& Extrac	Mech.Tool Camshaft Bushing Inst.& Extrac	3S & EASC	Desirable for engine Overhauling			
Engine	Cummins Engine	ID340565	Engine barring gear	Engine barring gear	3S & EASC	Optional	HD		
Engine	Cummins Engine	51106	Injector Bore Brush	Injector Bore Brush	3S & EASC	Optional	HD		
Engine	Cummins Engine	51119	Engine stand adapter	To support engine	3S & EASC	Optional	HD		


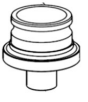





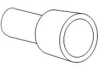



Engine	Cummins Engine	51107	Fuel pump wrench	To remove and fitment of fuel pump	3S, EASC, ESS & EESS	Optional	HD		
Engine	Cummins Engine	51108	Fuel pump gear puller	To remove fuel pump gear	3S, EASC, ESS & EESS	Optional	HD		
Engine	E483	E483-OLS-001	Attachment for Engine Fixture E483 Engine	Attachment for Engine Fixture E483 Engine			LMD	This tool supplied through Vendor Oil Lube system, Please contact : M/S Oil Lube Systems Pvt. Ltd. Address : Badkhal Pali Road, Opp. Delhi Masjid, Badkhal, Nit Faridabad - 121001, Haryana, Contact-1800-419-0319	 Model Code: E483O.S.001
Engine	E683	E683-OLS-001	Attachment for Engine Fixture E683 Engine	Attachment for Engine Fixture E683 Engine			LMD	This tool supplied through Vendor Oil Lube system, Please contact : M/S Oil Lube Systems Pvt. Ltd. Address : Badkhal Pali Road, Opp. Delhi Masjid, Badkhal, Nit Faridabad - 121001, Haryana, Contact-1800-419-0319	 Model Code: E683O.S.001
Engine	Cummins engine	Cummins-OLS-001	Attachment for Engine Fixture Cummins Engine	Attachment for Engine Fixture Cummins Engine			HD	This tool supplied through Vendor Oil Lube system, Please contact : M/S Oil Lube Systems Pvt. Ltd. Address : Badkhal Pali Road, Opp. Delhi Masjid, Badkhal, Nit Faridabad - 121001, Haryana, Contact-1800-419-0319	 Model Code: CumminsOLS001
Engine	E366,E474	E366-474-OLS-001	Attachment for Engine Fixture E366 & E474 Engine	Attachment for Engine Fixture E366 & E474 Engine			LMD	<a href="http://itube.ve cv.in/itube/watch_video.php?v=2B6X3XSR23OH">http://itube.ve cv.in/itube/watch_video.p hp?v=2B6X3 XSR23OH</a>	















Engine	E494	E494-OLS-001	Attachment for Engine Fixture E494 Engine	Attachment for Engine Fixture E494 Engine			LMD	This tool supplied through Vendor Oil Lube system, Please contact : M/S Oil Lube Systems Pvt. Ltd. Address : Badkhal Pali Road, Opp. Delhi Masjid, Badkhal, Nit Faridabad - 121001, Haryana, Contact-1800-419-0319	
Engine	VEDX5,VED X8	ST111358	RR oil seal installer	Installation of rear oil seal (SKF Make)	3S, EASC, ESS & EESS	Mandatory	HD	<a href="http://itube.ecv.in/itube/watch_video.php?v=NMU1G478A4B1">http://itube.ecv.in/itube/watch_video.php?v=NMU1G478A4B1</a>	
Engine	VEDX5,VED X8	ST111417	Tackle for MDEP engine	For lifting the engine	3S & EASC	Mandatory	HD		
Engine	VEDX5,VED X8	ST111353	Valve spring compressor	Removal of valve spring	3S & EASC	Mandatory	HD		
Engine	VEDX5,VED X8	ST111341	Valve stem seal Installer	Installation of valve stem seal	3S & EASC	Mandatory	HD		
Engine	VEDX5,VED X8	ST111339	Spacer for removal of camshaft	Removal of camshaft	3S & EASC	Mandatory	HD		
Engine	VEDX5,VED X8	ST111371	Impact wrench (Main brg. cap)	Removal of main bearing cap			HD	ST111371 Commonised with ST000132, Henceforth for further requirement of tool please order ST000132. <a href="http://itube.ecv.in/itube/watch_video.php?v=NMU1G478A4B1">http://itube.ecv.in/itube/watch_video.php?v=NMU1G478A4B1</a>	
Engine	VEDX5,VED X8	ST111372	Adaptor (Main Brg cap)	Removal of main bearing cap			HD	ST111372 Commonised with ST000132, Henceforth for further requirement of tool please order ST000132. <a href="http://itube.ecv.in/itube/watch_video.php?v=NMU1G478A4B1">http://itube.ecv.in/itube/watch_video.php?v=NMU1G478A4B1</a>	





























Engine	VEDX5,VED X8	ST111378	Puller(Main Brg cap)	Removal of main bearing cap			HD	ST111378 Commonised with ST000132, Henceforth for further requirement of tool please order ST000132.	
Engine	VEDX5,VED X8	ST111347	Impact extractor for fly wheel bearing	Removal of flywheel bearing			HD	ST111347 Commonised with ST000132, Henceforth for further requirement of tool please order ST000132.	
Engine	VEDX5,VED X8	ST111336	Oil seal extractor	Removal of oil seal	3S & EASC	Mandatory	HD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=NMU1G478A4B1">http://iTube.ecv.in/itube/watch_video.php?v=NMU1G478A4B1</a>	
Engine	VEDX5,VED X8	ST111342	Cranking tool	Cranking tool	3S, EASC, ESS & EESS	Mandatory	HD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=51RW6HDGWD D3">http://iTube.ecv.in/itube/watch_video.php?v=51RW6HDGWD D3</a>	
Engine	VEDX5,VED X8	ST111364	Front oil seal installer	Installation of front oil seal	3S, EASC, ESS & EESS	Mandatory	HD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=2KUN2YR284H4">http://iTube.ecv.in/itube/watch_video.php?v=2KUN2YR284H4</a>	
Engine	VEDX5,VED X8	ST111387	Tool kit for raufoss connectors	Raufoss connectors	3S, EASC, ESS & EESS	Mandatory	HD		
Engine	VEDX5,VED X8	ST111388	Jacking pad	Removal of connection rod bush	3S & EASC	Mandatory	HD		
Engine	VEDX5,VED X8	ST111338	Specific stud	Specific stud	3S & EASC	Mandatory	HD		
Engine	VEDX5,VED X8	ST011765	Push valve	Push valve	3S & EASC	Mandatory	HD		
Engine	VEDX5,VED X8	ST111389	Guide for Suction Control Valve	Removal of suction control valve	3S & EASC	Mandatory	HD		
Engine	VEDX5,VED X8	ST111464	Bracket for MDEP Engine lifting	Engine lifting bracket	3S & EASC	Mandatory	HD		
Engine	E494,E694, MDE8E494, E694,VEDX5, VEDX8	ST125498	Refractometer	Refractometer for measuring DEF concentration in AdBlue	3S, EASC, ESS & EESS	Mandatory	LMD & HD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Rear Axle		32716	Diff. side bearing adjusting tool	Tightening of differential side bearing nut.	3S & EASC	Mandatory	LMD & HD		

Rear Axle		ST126581	Hub puller	For removing of wheel Hub (Applicable for 6 bolts hub)	3S, EASC, ESS & EESS	Mandatory	LMD	ST126581 Commonised with ST126253, Henceforth for further requirement of tool please order ST126253.	
Engine	VEDX5, VEDX8	ST000047	DPF Puller	Removal and refitment of DPF (Diesel particulate filter)	3S, EASC, ESS & EESS	Mandatory	HD	<a href="http://itube.vecv.in/itube/watch_video.php?v=G62KRWMRW4">http://itube.vecv.in/itube/watch_video.php?v=G62KRWMRW4</a>	
Engine	E494, VEDX5, VEDX8	ST000074	Jacob Brake Clearance Chcecking tool (GO)	To check tappet clearance	3S, EASC, ESS & EESS	Mandatory	HD	<a href="http://iTube.vecv.in/itube/watch_video.php?v=51RW6HDGWD3">http://iTube.vecv.in/itube/watch_video.php?v=51RW6HDGWD3</a>	
Engine	VEDX5, VEDX8	ST000082	Engine Oil Seal Extractor-MDE Engines	To remove oil seal	3S, EASC, ESS & EESS	Mandatory	HD	ST000082 Commonised with ST000132, Henceforth for further requirement of tool please order ST000132. <a href="http://iTube.vecv.in/itube/watch_video.php?v=NMU1G478A4B1">http://iTube.vecv.in/itube/watch_video.php?v=NMU1G478A4B1</a>	
Engine	VEDX5, VEDX8	ST111395	Front oil seal installer (NOK -Blue colour) - - MDE5/MDE8 BS6	Seal installer	3S & EASC	Mandatory	HD	<a href="http://iTube.vecv.in/itube/watch_video.php?v=2KUN2YR284H4">http://iTube.vecv.in/itube/watch_video.php?v=2KUN2YR284H4</a>	
Engine	VEDX5, VEDX8	ST111359	Valve guide remover	Removal of valve guide	3S & EASC	Desirable for engine overhauling	HD		
Engine	VEDX5, VEDX8	ST111385	Extractor for rocker arm shaft	Removal of main bearing cap	3S & EASC	Desirable for engine overhauling	HD		
Engine	VEDX5, VEDX8	ST011764	Cylinder liner extractor	Removal of cylinder liner	3S & EASC	Desirable for engine overhauling	HD		
Engine	VEDX5	MDE5-OLS-001	Attachment for Engine Fixture MDE5 Engine	Attachment for Engine Fixture MDE5 Engine			HD	This tool supplied through Vendor Oil Lube system, Please contact : M/S Oil Lube Systems Pvt. Ltd. Address : Badkhal Pali Road, Opp. Delhi Masjid, Badkhal, Nit Faridabad - 121001, Haryana, Contact-1800-419-0319	

Engine	VEDX8	MDE8-OLS-001	Attachment for Engine Fixture MDE8 Engine	Attachment for Engine Fixture MDE8 Engine			HD	This tool supplied through Vendor Oil Lube system, Please contact : M/S Oil Lube Systems Pvt. Ltd. Address : Badkhal Pali Road, Opp. Delhi Masjid, Badkhal, Nit Faridabad - 121001, Haryana, Contact-1800-419-0319	
Engine	MDE5 & MDE8	ST242112	Tool, Air Inlet Adaptor For Leakage Checking	To remove and fitment airinlet adapto	3S & EASC	Optional	HD		
Transmission	ET40 S5, ET60 S5,ET60 S6, ET40 S6,ET50 S7, ET60 S7	32214	Transmission bearing installer	Installation of main shaft bearing and counter shaft bearing on gear box housing			LMD	32214 Commonised with 452208, Henceforth for further requirement of tool please order 452208	
Transmission	ET70 S6, ET80 S6, ET90 S6	452204	SGCS installer	Sleeve installer	3S & EASC	Mandatory	LMD & HD		
Transmission	ET60 S5	32221	Seal installer rail fork shaft	Installer PTO assembly seal rail fork shift	3S & EASC	Mandatory	LMD		
Transmission	ET30 S5,ET35 S5	152324	Rear Seal installer	For installation of rear cover oil seal	3S, EASC, ESS & EESS	Mandatory	LMD		
Transmission	ET40 S5, ET60 S5,ET60 S6, ET40 S6, ET50 S7, ET60 S7	32209	Rear cover seal installer	Installation of oil seal of rear housing	3S, EASC, ESS & EESS	Mandatory	LMD		
Transmission	ET70 S6, ET80 S6, ET90 S6	452203	Pilot bearing installer	Pilot bearing installer	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Transmission	ET60 S5	32218	Outer bearing installer drive side	Installer PTO assembly outer bearing drive side	3S & EASC	Mandatory	LMD		
Transmission	T40 S5, ET60 S5,ET60S6, ET40S6,ET50S7, ET60S7	32208	Oil seal installer	Installation of front oil seal	3S, EASC, ESS & EESS	Mandatory	LMD		
Transmission	ET30S5, ET35S5	152364	Oil seal installer	Front oil seal installer	3S, EASC, ESS & EESS	Mandatory	LMD		

Transmission	ET40 S5, ET60 S5, ET60 S6, ET40 S6, ET50 S7, ET60 S7	32207	Oil seal guide	Preventing damage to front oil seal during installation of clutch housing	3S, EASC, ESS & EESS	Mandatory	LMD		
Transmission	ET60 S6	32217	Oil seal guide	Protection of front oil seal while installation of clutch housing	3S, EASC, ESS & EESS	Mandatory	LMD		
Transmission	ET30 S5, ET35 S5	152094	Oil seal guide	Protection of front oil seal while installation of clutch housing	3S, EASC, ESS & EESS	Mandatory	LMD		
Transmission	ET70 S6, ET80 S6, ET90 S6	452215	Mechanical tool spring pin installer	Mechanical tool spring pin installer	3S & EASC	Mandatory	LMD & HD		
Transmission	ET70 S6, ET80 S6, ET90 S6	452213	Main shaft thrust washer installer	To install thrust washer and bearing from main shaft(PTO)	3S & EASC	Mandatory	LMD & HD		
Transmission	ET40 S5, ET60 S5, ET60 S6, ET40 S6, ET50 S7, ET60 S7	32213	Main shaft 4th gear sleeve installer	Installation of 4th gears sleeve on main shaft.	3S & EASC	Mandatory	LMD		
Transmission	ET30 S5, ET35 S5	1202226	Main shaft 3rd gear sleeve installer (ET30S5) (ET35S5)	Counter shaft dummy bearing (ET35S5)	3S & EASC	Mandatory	LMD		
Transmission	ET30 S5, ET35 S5	1202225	Main shaft 2nd gear sleeve installer (ET30S5) (ET35S5)	Main shaft 2nd gear sleeve installer (ET30S5) (ET35S5)	3S & EASC	Mandatory	LMD		
Transmission	ET40 S5, ET60 S5, ET60 S6, ET40 S6, ET50S7, ET60 S7	32212	Main shaft 2nd & 3rd sleeve installer	Installation of 2nd & 3rd sleeve on main shaft.	3S & EASC	Mandatory	LMD		
Transmission	ET40 S6, ET50S7, ET60 S7	ST222164	Main selector rod bush	Main selector rod bush installer & remover	3S, EASC & ESS	Mandatory	LMD		
Transmission	ET60 S5	32216	Inner bearing installer drive side	Installer PTO assembly inner bearing drive side	3S & EASC	Mandatory	LMD		
Transmission	ET40 S5, ET60 S5, ET60 S6, ET40 S6	32211	Idler gear bush remover & installer.	Removal & installation of idler gear bush	3S & EASC	Mandatory	LMD		
Transmission	ET90 S6, ET140S9, ET60 S7	452205	Hex bolt	Main shaft nut removal / tightening	3S & EASC	Mandatory	LMD & HD		
Transmission	ET80 S6, ET50 S7, ET140 S9	452202	Gear sleeve installer	2nd Gear sleeve installer	3S & EASC	Mandatory	LMD & HD		







Transmission	ET70 S6	ST622503	ET70 Bearing puller	Bearing puller	3S, EASC & ESS	Mandatory	LMD		
Transmission	ET60 S5, ET50 S7, ET60 S7	32222	Drive side seal installer	Installer PTO assembly drive side seal	3S, EASC & ESS	Mandatory	LMD		
Transmission	ET70 S6, ET80 S6, ET90 S6	452214	Drift fork spindle	For removing shifting spindle(PTO)	3S & EASC	Mandatory	LMD & HD		
Transmission	ET35 S5	ST022317	Bush remover & installer	Upper case Assy-Hybrid GSL Remove and install-Bush select lever	3S & EASC	Mandatory	LMD		
Transmission	ET35 S5	ST022319	Bush remover & installer	Upper case Assy-Hybrid GSL Remove and install-Bush select lever	3S & EASC	Mandatory	LMD		
Transmission	ET35 S5	ST022320	Bush remover & installer	Upper case Assy-Hybrid GSL Remove and install-Bush select lever	3S & EASC	Mandatory	LMD		
Transmission	ET40 S5, ET60 S5, ET40 S6, ET50 S7, ET60 S7	32201	Bearing puller & installer	Removal of main shaft & counter shaft bearing.			LMD	32201 Commonised with 452206, Henceforth for further requirement of tool please order 452206	
Transmission	ET60 S6, ET50 S7, ET30 S5, ET35 S5, ET35 S6, ET40 S5, ET40 S6, ET60 S7	32215	Bearing puller & installer	Removal of transmission case bearing			LMD & HD	32215 Commonised with 452206, Henceforth for further requirement of tool please order 452206	
Rear Axle		32710	Pilot bearing installer	Installation of pilot bearing	3S, EASC & ESS	Mandatory	LMD & HD		
Rear Axle		32711	Pinion bearing	Installation of final drive pinion front bearing inner race and rear bearing inner race	3S & EASC	Mandatory	LMD & HD		
Rear Axle		202703	Bearing race installer	Installation of bearing race			HD		
Rear Axle		ST000045	Bearing Installer	Installation of all differential bearings	3S, EASC, ESS & EESS	Mandatory	HD		
Rear Axle	FUWA & VECV HRT	ST000089	Wheel hub lock nut removal	Removal of Wheel hub lock nut	3S, EASC, ESS & EESS	Desirable	HD		





Rear Axle	VECV HRT Axle	ST000083	IAD / Diff. Lock bush removal puller	Removal of IAD / Diff. lock bush			HD		
Rear Axle		1158143	Impact hexagonal socket	For flange nut			HD		
Rear Axle		9809726	Hydraulic pump	For hydraulic cylinder			HD		
Rear Axle		9985927	Spacer sleeve	For removing			HD		
Rear Axle		9986172	Puller	For compressor			HD		
Rear Axle		9986485	Overhaul stand	For overhauling			HD		
Rear Axle		9989876	Dial indicator	For checking wheel bearing clearance			HD		
Rear Axle		9990002	Counter hold	For pinion when assembling			HD		
Rear Axle		9990003	Counter hold	For removing and fitting pinion nut			HD		
Rear Axle		9990011	Drift	For fitting seal			HD		
Rear Axle		9990152	Pin spanner	For differential housing adjusting screw			HD		
Rear Axle		9990261	Fixture	For differential carrier			HD		
Rear Axle		9992000	Handle	For drifts with 25 mm hole			HD		
Rear Axle		9992111	Drift	For fitting bushing			HD		





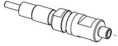







Rear Axle		9992500	Hollow drift	For fitting bearing			HD		
Rear Axle		9992542	Mandrel	For fitting wheel bearing races			HD		
Rear Axle		9992555	Hollow drift	For fitting outer and inner bearing races			HD		
Rear Axle		9992608	Hollow drift	For fitting bearing			HD		
Rear Axle		9992613	Handle	For drifts with 25 mm hole			HD		
Rear Axle		9992619	Spindle	For hydraulic cylinder 999 2671			HD		 9992619
Rear Axle		9992620	Mandrel	For removing differential housing bearing			HD		
Rear Axle		9992631	Mandrel	For fitting inner bearing outer race			HD		
Rear Axle		9992647	Mandrel	For bearing race			HD		
Rear Axle		9992671	Hydraulic cylinder	For removing king pin			HD		
Rear Axle		9992676	Puller	For rear wheel hub wear and bearing races			HD		
Rear Axle		9992911	Hollow drift	For bearing race			HD		
Rear Axle		9992976	Connector	For compressed-air components			HD		
Rear Axle		9994030	Extractor	For removing wear ring			HD		







Rear Axle		9994150	Mandrel	For fitting bearing			HD		
Rear Axle		9996054	Wrench	For differential housing adjusting nut			HD		
Rear Axle		9996075	Hollow drift	For removing output shaft bearing			HD		
Rear Axle		9996093	Mandrel	For fitting outer rear wheel bearing outer race			HD		
Rear Axle		9996173	Mandrel	For removing needle bearing			HD		
Rear Axle		9996183	Mandrel	For removing control cylinder piston rod seal			HD		
Rear Axle		9996239	Lifting chain	For tappet			HD		
Rear Axle		9996291	Hollow drift	For fitting bearing			HD		
Rear Axle		9996311	Hollow drift	For removing differential housing bearing			HD		
Rear Axle		9996312	Hollow drift	For fitting seal			HD		
Rear Axle		9996314	Hollow drift	For fitting seal			HD		
Rear Axle		9996366	Hollow drift	For fitting bearing			HD		
Rear Axle		9996452	Mandrel	For fitting rear wheel hub seal			HD		
Rear Axle		9996498	Pin	For removing bearing			HD		






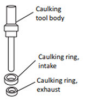
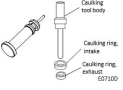

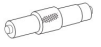
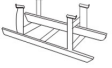




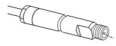

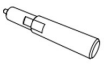

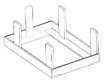


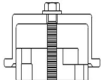



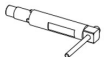


Rear Axle		9996499	Arm	For removing bearing			HD		
Rear Axle		9996500	Yoke	For removing bearing			HD		
Rear Axle		9996516	Fixture	For overhaul stand			HD		
Rear Axle		9996600	Hydraulic cylinder	For removing and fitting wheel stud			HD		
Rear Axle		9996725	Hollow drift	For fitting bearing			HD		
Rear Axle		9996737	Mandrel	For fitting range housing bearing			HD		
Rear Axle		9996759	Mandrel	For fitting range housing bearing			HD		
Rear Axle		9996773	Sleeve	For hub cap			HD		
Rear Axle		9998044	Drift	For fitting output shaft seal			HD		
Rear Axle		9998069	Mandrel	For removing and fitting output shaft seal			HD		
Rear Axle		9998097	Mandrel	For removing bearing			HD		
Rear Axle		9998110	Mandrel	For removing bearing			HD		
Rear Axle		9998244	Hollow drift	For fitting bearing			HD		
Rear Axle		9998558	Mandrel	For fitting sensor wheel			HD		

















Rear Axle		9998570	Counter hold	For flange			HD		
Rear Axle		9998597	Puller	For hydraulic cylinder 999 6600			HD		
Rear Axle		9998672	Mandrel	For removing bearing			HD		
Rear Axle		9998821	Fixture	For removing and fitting of hub			HD		
Rear Axle		9998838	Mandrel	For fitting pinion seal			HD		
Rear Axle		9999676	Wheel equipment	For removing and fitting wheel			HD		
Rear Axle		9999696	Magnetic stand	For dial indicator			HD		
Rear Axle		153053	Hub puller	Removal of wheel hub			HD		
Rear Axle		9999954	Trolley jack	For differential carrier			HD		
Rear Axle		88800040	Puller	For flange			HD		
Rear Axle		172704	Lock nut wrench (With shim pack)	Removal and installation of rear wheel bearing nut			EV		
Rear Axle		153729	Bearing retainer guide pin	Installation of bearing retainer (used as a set of two)			EV		
Rear Axle		1230001	Installer punch	Installation of rear and front hub outer races.	3S, EASC, ESS & EESS	Mandatory	EV		
Rear Axle		152893	Pinion rear bearing remover	Removal of rear bearing inner race			EV		














Rear Axle		1202725	Pinion height gauge	Used for calculation of "C" error assembly error			EV		
Rear Axle		153010	Differential carrier bearing installer	Installation of final drive pinion front & rear bearing outer race in differential carrier.			EV		
Rear Axle		202704	Pinion bearing races installer	Installation of final pinion front and rear bearing outer race.			EV		
Rear Axle		152324	Pinion pilot bearing installer	Installation of final drive pinion pilot bearing	3S, EASC, ESS & EESS	Mandatory	EV	Applicable for ET30S5 & ET35S5	
Engine	E494,E694	ST011322	Compressor pressure checking adppter	Measure compression pressure	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E483,E683,E494,E694	ST611458	NRV Adaptor	Child part to all compression gauge	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E483,E683,E494,E694	152684	Tappet extractor	To remove tappet from crankcase	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E494-CNG	ST000081	Injector sleeve extractor	To remove injector/Spark plug sleeve common for all EICHER branded engines	3S, EASC, ESS & EESS	Mandatory	LMD		
Engine	E483,E683,E494,E694	152873	Rocker bush installer	To remove & install rocker bushing in rocker arm	3S, EASC & ESS	Mandatory	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E483,E683E483,E683	152934	Idler gear shaft puller	Removal & installation of idler gear shaft	3S & EASC	Mandatory	LMD	152934 Commonised with tool ST000132 Henceforth for further requirement of tool please order ST000132. <a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E494,E694	ST011336	Idler shaft remover	To remove idle shaft	3S & EASC	Mandatory	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E483,E683,E494,E694,E474,E366	ST000008	Valve stem seal installer & Valve spring compressor	To install the Engine valve stem seal and compressing the valve spring	3S, EASC, ESS & EESS	Mandatory	LMD	iTube Video Link - How to use	

Engine	E494	ST111551	Belt Locator	To install an elastic belt (AC System)	3S, EASC & ESS	Mandatory	LMD		
Engine	E366, E474	ST000226M	Tool Kit CRS System-Delphi	Tool Kit CRS System-Delphi	3S, EASC, ESS & EESS	Mandatory	LMD		
Engine	E483, E366, E474	ST000012	Rear Oil Seal Installer	Rear Oil Seal Installer	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://itube.vc.in/itube/watch_video.php?v=O291NW5S6MHX">http://itube.vc.in/itube/watch_video.php?v=O291NW5S6MHX</a>	
Engine	E483, E366, E474	ST000019	Fan pulley holding tool	To hold the fan pulley while 26-12 tightening fan nut	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://itube.vc.in/itube/watch_video.php?v=HMNO DSU3AHY1">http://itube.vc.in/itube/watch_video.php?v=HMNO DSU3AHY1</a>	
Engine	E366, E474, E494, E483, E494, VEDX5, VEDX8	OLS-CV-004	Engine Mounting Stand	Mounting engine for overhauling			LMD & HD	This tool supplied through Vendor Oil Lube system, Please contact : M/S Oil Lube Systems Pvt. Ltd. Address : Badkhal Pali Road, Opp. Delhi Masjid, Badkhal, Nit Faridabad - 121001, Haryana, Contact-1800-419-0319	
Engine	E483, E366, E474	ST000013	Front oil seal installer	Front oil seal installer	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://itube.vc.in/itube/watch_video.php?v=XOY1O78Y1O5U">http://itube.vc.in/itube/watch_video.php?v=XOY1O78Y1O5U</a>	
Engine	E483, E366, E474	ST000014	Injector dummy for compression pressure checking	Injector dummy for compression pressure checking	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://itube.vc.in/itube/watch_video.php?v=3SH6A4WUGG7M">http://itube.vc.in/itube/watch_video.php?v=3SH6A4WUGG7M</a>	
Engine	E494, E694	ST011858	Rear Oil Seal Installer	Remove of oil seal from engine flywheel assembly	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://iTube.vc.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.vc.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E366, E474, E494	ST000043	Flywheel holding tool	To hold/lock the flywheel during torquing on damper & flywheel mounting bolts	3S & EASC	Mandatory	LMD	<a href="http://itube.vc.in/itube/watch_video.php?v=XSXR8YS7G6S8">http://itube.vc.in/itube/watch_video.php?v=XSXR8YS7G6S8</a>	
Engine	E366, E474, E494	ST000053	Bosch FIE Pre-lubrication tool	To Pre lubricate the Fuel pump	3S & EASC	Mandatory	LMD		
Engine	E366, E474, E494	ST000054	Urea pump Removal and refitment tool	To Removal and refitment tool the Urea Pump	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://itube.vc.in/itube/watch_video.php?v=BAK54BU27N2W">http://itube.vc.in/itube/watch_video.php?v=BAK54BU27N2W</a>	

Engine	E483,E366, E474, E494	ST000093	INJECTOR EXTRACTO R TOOL	For removing injector in E366 & E474	3S, EASC, ESS & EESS	Mandatory	LMD	ST000093 Commonised with tool ST000132 Henceforth for further requirement of tool please order ST000132.	
Engine	E483,E366, E474, E494	ST000130	Manometer	To check the pressure	3S, EASC, ESS & EESS	Desirable	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=RAU449752105">http://iTube.ecv.in/itube/watch_video.php?v=RAU449752105</a>	
Engine	E483,E683	1231104	Con rod bush installer	Removal & installation of connecting rod small end bush	3S & EASC	Desirable for engine Overhauling	LMD		
Engine	E483,E683,E 494,E694	1231106	Camshaft bush installer	To remove & install cam shaft bushing	3S & EASC	Desirable for engine Overhauling	LMD	152934 Commonised with tool ST000132 Henceforth for further requirement of tool please order ST000132. <a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E483,E683	152034	Valve guide installer	Installation of valve guide	3S & EASC	Desirable for engine Overhauling	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E483,E683	152044	Valve seat installer	Installation & caulking of valve seat insert	3S & EASC	Desirable for engine Overhauling	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E494,E694	ST111293	Valve Seat Installer	Installation of valve seat	3S & EASC	Desirable for engine Overhauling	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E483,E683,E 494,E694	152084	Cylinder sleeve installer	To install cylinder sleeve in crankcase	3S & EASC	Desirable for engine Overhauling	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E483,E683,E 494,E694	152404	Idler gear bush installer	Removal & Installation of Idler gear bushing	3S & EASC	Desirable for engine Overhauling	LMD		
Engine	E483,E683,E 494,E694, E474, E366	ST000222M	Engine bearing block	Supporting engine on floor	3S & EASC	Mandatory	LMD		
Engine	E483,E683	152104	Valve guide remover	Removal of valve guide	3S, EASC & ESS	Mandatory	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E483,E683,E 494,E694	152793	Bearing cap extractor	Removal of main bearing cap at front and rear end	3S & EASC	Mandatory	LMD		












Engine	E483 CNG	ST011613	Compression gauge adaptor	Measure compression pressure	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YW G">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YW G</a>	
Engine	E494 CNG	ST000071	Compressor Pressure Checking Adopter	For checking the engine compression pressure	3S, EASC, ESS & EESS	Mandatory	LMD		
Engine	E494,E694	ST011704	Valve Stem Seal Installer	To install valve stem seal in cylinder head	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YW G">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YW G</a>	
Engine	E483,E683	152894	Engine overhauling Stand	Mounting of engine for disassembly/assembly			LMD		
Engine	E483,E494	152904	Engine bearing block	Supporting engine			LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YW G">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YW G</a>	
Engine	E483,E683	152944	Valve lifter	Removal & installation of valve cotter			LMD		
Engine	E483,E683,E494,E694,E474, E366	ST000078	Universal - Engine Fixture	Universal - Engine Fixture			LMD		
Engine	E483,E683	152844	Crankshaft oil seal installer	Crankshaft oil seal installer	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YW G">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YW G</a>	
Engine	E483	ST000079	Attachment for Engine Fixture	Attachment for Engine Fixture			LMD		
Engine	E483,E683	152144	Valve stem seal installer	Valve stem seal installer			LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YW G">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YW G</a>	
Engine	E494	ST011328	Rear Oil Seal Installer	Remove of oil seal from flywheel assembly			LMD		
Engine	E494,E694	ST011350	Injector Sleeve Remover	Removal of injector sleeve from head			LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YW G">http://iTube.ecv.in/itube/watch_video.php?v=DA2WWO755YW G</a>	
Engine	E494-CNG	ST000090	Injector / Spark plug Sleeve Remover (M18X1.5)	Removal of injector/ Spark plug sleeve extractor	3S, EASC, ESS & EESS	Mandatory	LMD		
Engine	E483,E683,E494,E694	1231113	Hertz Meter	To measure belt tension			LMD	<a href="http://iTube.ecv.in/itube/watch_video.php?v=OYO147YN815G">http://iTube.ecv.in/itube/watch_video.php?v=OYO147YN815G</a>	














Engine	E483,E683,E494,E694	1231107	Engine lifting chain	Lift the engine from vehicle	3S & EASC	Mandatory	LMD	<a href="http://iTube.v.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.v.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E494,E694,MDE8E494,E694,VEDX5,VEDX8	ST125498	Refractometer	Refractometer for measuring DEF concentration in AdBlue	3S, EASC, ESS & EESS	Mandatory	LMD & HD	<a href="http://iTube.v.ecv.in/itube/watch_video.php?v=DA2WWO755YWG">http://iTube.v.ecv.in/itube/watch_video.php?v=DA2WWO755YWG</a>	
Engine	E483,E683,E494,E694	ST111455	Filter wrench	Removal and installa			LMD		
Transmission	ET140S9	ST000216M	Outer cage pilot bearing remover	Outer cage pilot bearing remover	3S & EASC	Mandatory	HD		
Transmission /Rear axle/ Air Brake	Fast Gear	88800233	Kit	For removing pneumatic pipe size 6,8,12 & 16 mm			HD	It is required to use part no. 88800414 Instead of 88800233.	
Transmission	Fast Gear	9985435	Puller	For removing Bearings			HD		
Transmission	Fast Gear	9986172	Puller	For Compressor			HD		
Transmission	Fast Gear	9986485	Overhauling Stand	For Overhauling			HD		
Transmission	Fast Gear	9986984	Puller	For Pinion bearing			HD		
Transmission	Fast Gear	9988201	Anchorage	For Trolley Jack			HD		
Transmission	Fast Gear	9990262	Adaptor	For Main bearing			HD		
Transmission	Fast Gear	9991647	Hollow Drift	For Bush fitment			HD		
Transmission	Fast Gear	9992241	Hollow Drift	For Bearing fitment			HD		
Transmission	Fast Gear	9992434	Hollow Drift	For Fitting Bearing race			HD		
Transmission	Fast Gear	9992665	Mondrel	For Fitting Flywheel bearing			HD		
Transmission	Fast Gear	9992976	Connector	For Air compressor component			HD		





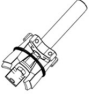








Transmission	Fast Gear	9994731	Yoke	For Hydraulic Cylinder 999-6600			HD		
Transmission	Fast Gear	9996042	Sleeve	For Fittment of Input Shaft			HD		
Transmission	Fast Gear	9996075	Hollow Drift	For removing Output shaft bearing			HD		
Transmission	Fast Gear	9996205	Mondrel	For removing Plannetary Gear Shaft			HD		
Transmission	Fast Gear	9996312	Hollow Drift	For Seal fittment			HD		
Transmission	Fast Gear	9996314	Hollow Drift	For Seal fittment			HD		
Transmission	Fast Gear	9996317	Hollow Drift	For removing Bearings			HD		
Transmission	Fast Gear	9996400	Impact Wrench	For Injector			HD		
Transmission	Fast Gear	9996600	Hydraulic cylinder	For removing & Fittment of Wheel stud			HD		
Transmission	Fast Gear	9996602	Pin	For Hydraulic Cylinder			HD		
Transmission	Fast Gear	9996603	Rod end	For Hydraulic Cylinder			HD		
Transmission	Fast Gear	9996635	Arm	For Hydraulic Cylinder			HD		
Transmission	Fast Gear	9996725	Hollow Drift	For Bearing fittment			HD		
Transmission	Fast Gear	9996904	Hollow Drift	For removing Bearings			HD		
Transmission	Fast Gear	9998044	Drift	For removing output shaft seal			HD		
Transmission	Fast Gear	9998570	Counterhold	For Flange			HD		





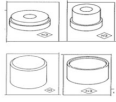

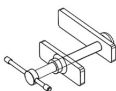
Transmission	Fast Gear	9999596	Anchorage	For Overhauling stand			HD		
Transmission	Fast Gear	88800004	Puller	For removing Bearings			HD		
Transmission	Fast Gear	88800029	Fixture	For removing & Fitment of Gear box			HD		
Transmission	Fast Gear	88800040	Puller	For Flange			HD		
Transmission	Fast Gear	88800415	Puller	For removing Bearings			HD		
Transmission	Fast Gear	88800416	Puller	For removing Bearings			HD		
Transmission	Fast Gear	88800437	Fixture	For Overhauling stand			HD		
Transmission	Fast Gear	88800451	Fixture	For removal & fitment of Gear box			HD		
Transmission	Fast Gear	88800497	Sleeve	For removal of flange nut			HD		
Front Axle		ST000051	NRB bearing installer	Installation of NRB bearing	3S, EASC, ESS & EESS	Desirable	HD		
Transmission	ET70 S6, ET80 S6, ET90 S6	452206	Bearing puller	Removal of transmission case bearing	3S, EASC & ESS	Mandatory	LMD & HD		
Transmission	ET70 S6, ET80 S6, ET90 S6	452209	Bearing installer output side	Bearing installer output side	3S, EASC & ESS	Mandatory	LMD & HD		
Transmission	ET60 S5	32219	Bearing installer end side (PTO)	Bearing installer PTO assembly end side	3S & EASC	Mandatory	LMD		
Transmission	ET70 S6, ET80 S6, ET90 S6	452212	Bearing installer	To install bearing	3S, EASC & ESS	Mandatory	LMD & HD		
Transmission	ET140S9	ST127616	Flange Locking tool	Flange locking of TM and differential	3S, EASC, ESS & EESS	Mandatory	HD		
Transmission /Rear axle/ Air Brake	Fast Gear	88800414	Kit	For removing pneumatic pipe size 6,8,12 & 16 mm			HD	It is required to use part no. 88800414 Instead of 88800233.	






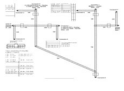






Transmission	ET140S9	ST000218M	Rear Oil seal installer	Rear oil seal installer	3S, EASC, ESS & EESS	Mandatory	HD		
Transmission	ET140S9	ST000215M	Bearing Sleeve Main Shaft Installer	Main shaft bearing remover & installation	3S & EASC	Mandatory	HD		
Transmission	ET140S9	ST000219M	Upper Case Bush Remover & installer	Bush Installation	3S & EASC	Mandatory	HD		
Transmission	ET30 S5,ET35S5, ET60 S5,ET80 S6,ET70S6, ET60S5,ET40 S6,ET90	ST000095	Universal Transmission Trolley for leggacy vehicles Upto ET 90	Aggregate moment	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Transmission	ET140S9	32701	MECH.TOOL REMOVER ASSY, PINION PILOT BRG	Pilot BRG removal tool	3S, EASC & ESS	Mandatory	HD		
Transmission	ET30 S5,ET35S5, ET60 S5,ET80 S6,ET70S6, ET60S5,ET40 S6,ET90	ST000211M	Universal Transmission Stand	Universal Transmission Stand for transmission overhauling			LMD & HD	Tool not Avl.in list	
Transmission	ET70 S6, ET80 S6 ET90 S6	452208	Transmission bearing installer	Installing transmission bearing	3S, EASC & ESS	Mandatory	LMD & HD	32214 Commonised with 452208,Henceforth for further requirement of tool please order 452208	
Transmission	ET140S9	ST127118	Main shaft bearing remover	to remove main shaft pilot bearing			HD		
Transmission	ET140S9	ST000209M	Companion Flange Remover	Removal of companion flange	3S & EASC	Mandatory	HD		
Transmission	ET140S9	ST000097	Main shaft Lifting tool	Overhauling	3S, EASC & ESS	Mandatory	HD		
Transmission	ET30 S5,ET35S5, ET60 S5,ET80 S6,ET60S5, ET40 S6,ET90	153473	Mech.Tool Claws Counter Shaft	Mech.Tool Claws Counter Shaft	3S & EASC	Mandatory	LMD & HD		
Transmission	ET30 S5,ET35S5, ET60 S5,ET80 S6,ET60S5, ET40 S6,ET90	153483	Mech.Tool Claws Main Shaft	Mech.Tool Claws Main Shaft	3S & EASC	Mandatory	LMD & HD		
Transmission	ET140S9	ST000125	Transmission assembly overhauling stand	ET140 Transmission overhauling	3S, EASC, ESS & EESS	Mandatory	HD		



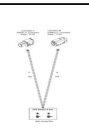
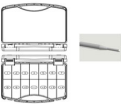
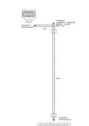

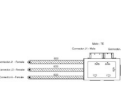
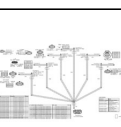
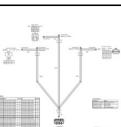




Transmission	ET30 S5,ET35S5, ET60 S5,ET80 S6,ET60S5, ET40 S6,ET90	ST022727	Transmission Mounting Stand	To mount Transmission	3S, EASC & ESS	Mandatory	LMD & HD		
Propeller shaft		153694	Universal joint tool set Components	Removal and re-fitment of needle roller bearing	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://itube.cv.in/itube/watch_video.php?v=NGOA2MSO53XD">http://itube.cv.in/itube/watch_video.php?v=NGOA2MSO53XD</a>	
Propeller shaft		32501	Universal joint tool	Removal and re-fitment of needle roller bearing	3S, EASC, ESS & EESS	Mandatory	LMD & HD	<a href="http://itube.cv.in/itube/watch_video.php?v=NGOA2MSO53XD">http://itube.cv.in/itube/watch_video.php?v=NGOA2MSO53XD</a>	
Propeller shaft		ST025745	Guide Yoke assembly	Removal and re-fitment of needle roller bearing	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Propeller shaft		ST125624	Propeller shaft center bearing removal	Removal of propeller shaft center bearing	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Clutch	Ø330, 352, 362, 395, 430	32107	Finger height adjusting tool	For rotating adjusting nut during finger height adjustment	3S, EASC, ESS & EESS	Mandatory	LMD & HD	<a href="http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9">http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9</a>	
Clutch	Ø310, Ø330, 395, 430),Ø352- ET60	ST000214M	Clutch Centralizing tool	Centering of clutch disc during clutch cover installation.	3S, EASC, ESS & EESS	Mandatory	LMD & HD	<a href="http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9">http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9</a>	
Clutch	Ø275, 280, 310, 330, 352, 362, 395, 430	ST000210M	Clutch cover inspection plate	Mounting of clutch cover plates for the purpose of inspection and correction of finger height	3S, EASC, ESS & EESS	Mandatory	LMD & HD	<a href="http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9">http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9</a>	
Clutch	Ø 430	ST000101	Clutch alignment arbor	Clutch Installation	3S, EASC, ESS & EESS	Mandatory	HD	<a href="http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9">http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9</a>	
Clutch	Ø310, Ø330, 395, 430	32101	Clutch alignment arbor	Centering of clutch disc during installation			LMD & HD	<a href="http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9">http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9</a>	
Clutch	Ø275/280	153514	Diaphragm spring	Inspection of diaphragm spring unevenness (used incombinatio n with arbor& clutch cover plate)			LMD	<a href="http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9">http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9</a>	
Clutch	Ø310	32103	Diaphragm spring	Inspection of diaphragm spring unevenness (used incombinatio n with arbor& clutch cover plate)			LMD	<a href="http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9">http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9</a>	
Clutch	Ø352	32105	Lock nut gap measuring tool.	Measuring gap between locking and adjusting nut of Release bearing			LMD	<a href="http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9">http://itube.cv.in/itube/watch_video.php?v=U4HXGN8KODN9</a>	

Clutch	Ø352	32106	Sleeve lock nut rod.	Measuring gap between locking and adjusting nut of Release bearing			LMD	<a href="http://itube.ve cv.in/itube/watch_video.php?v=U4HX GN8KODN9">http://itube.ve cv.in/itube/watch_video.php?v=U4HX GN8KODN9</a>	
Clutch	Ø352	42102	GAP setting tool	Rotating adjusting nut during finger height adjustment			LMD	<a href="http://itube.ve cv.in/itube/watch_video.php?v=U4HX GN8KODN9">http://itube.ve cv.in/itube/watch_video.php?v=U4HX GN8KODN9</a>	
Front Axle		232601	Kingpin puller	Removal of Kingpin	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Front Axle		153004-ST126260	Kingpin puller	Removal of Kingpin	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Brake & Front Axle		0203508-0032608	Bushing installing tool	Installation and removal of kingpin bushing	3S & EASC	Mandatory	LMD		
Front Axle & Front, rear suspension		152954-ST126264	Bushing installing tool	Installation and removal of kingpin bushing	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Front Axle		ST622500	Front/Rear hub bearing Race Puller	Removal/Installation of Front/Rear hub bearing race.	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Front Axle		1002601	Front hub outer bearing outer race installer	Installation of front hub outer bearing outer race	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Front Axle		1002602	Front hub inner bearing outer race installer	Installation of front hub inner bearing outer race	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Front Axle		1002603	Front hub oil seal installer	Installation of front hub oil seal	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Front Axle		1230001	Installer punch	To be used long with 1002601, 1002602, 1002603	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Front Axle		ST000017	KIT - Front and Rear Hub Puller	Removal of front wheel hub Consisting of below mentioned child part Hub Puller - 0230002 Adaptor - 0032720	3S, EASC, ESS & EESS	Mandatory	LMD & HD	ST000017 Commonised with ST126253, Henceforth for further requirement of tool please order ST126253.	
Front Axle		153674	Front hub bearing Installer	Installation of front hub inner bearing outer race	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Brakes	Air brake	1203502	66mm Dia. Sleeve	To guide the Piston Skirt in to the Cylinder Bore for New Life Compressor	3S & EASC	Vendor tool	LMD & HD		
Brakes	Air brake	9812469	Torque converter	For angle-tightening wheel nuts			HD		


Brakes	Air brake	9989876	Dial indicator	For checking wheel bearing clearance			HD		
Brakes	Air brake	9992000	Handle	For drifts with 25 mm hole			HD		
Brakes	Air brake	9992111	Drift	For fitting bushing			HD		
Brakes	Air brake	9992676	Puller	For rear wheel hub wear and bearing races			HD		
Brakes	Air brake	9996096	Hollow drift	For removal and fitting of bushing in reaction rod			HD		
Brakes	Air brake	9996159	Dowel	For hydraulic cylinder 9809729			HD		
Brakes	Air brake	9996298	Drift	For removing bushing and seal from brake cam bracket			HD		
Brakes	Air brake	9996454	Extension	For hydraulic cylinder			HD		
Brakes	Air brake	9996725	Hollow drift	For fitting bearing			HD		
Brakes	Air brake	9996729	Press tool	For removing and fitting wheel stud			HD		
Brakes	Air brake	9996752	Counter hold	For fitting wheel stud			HD		
Brakes	Air brake	9996753	Mandrel	For removing and fitting wheel stud			HD		
Brakes	Air brake	9996773	Sleeve	For hub cap			HD		
Brakes	Air brake	9996928	Unit	For clutch hydraulics			HD		

Brakes	Air brake	9998821	Fixture	For removing and fitting of hub			HD		
Brakes	Air brake	9999591	Fixture	For fitting rear wheel bearing race			HD		
Brakes	Air brake	9999676	Wheel equipment	For removing and fitting wheel			HD		
Brakes	Air brake	9999696	Magnetic stand	For dial indicator			HD		
Brakes	Air brake	88800048	Adjusting device	For removing and fitting of return springs			HD		
Brakes	Air brake	9996317	Hollow drift	For removing bearing			HD		
Brakes	Air brake	88800463	Key	For brake adjuster			HD		
Brakes	Air Brake-Disc	ST000009	Kit- Air Disc Brake Dismantling tool	For Air disc brake over hauling	3S, EASC, ESS & EESS	Optional	LMD		
Brakes	Air Brake-Disc	ST000010	Kit- Air Disc Brake Assembly tool	For Air disc brake over hauling	3S, EASC, ESS & EESS	Optional	LMD		
Brakes	Air brake-Disc	ST000011	Air Disc Brake mounting plate	For Air disc brake over hauling	3S, EASC, ESS & EESS	Optional	LMD		
Brakes	Hydraulic brake/Air brake	153374	Box wrench	Box wrench	3S, EASC, ESS & EESS	Mandatory	LMD & HD	<a href="http://itube.vc.in/itube/watch_video.php?v=1GD39O68GMK9">http://itube.vc.in/itube/watch_video.php?v=1GD39O68GMK9</a>	
Brakes	Hydraulic brake	ST035822	Hydraulic brake auto adjuster tool kit	Hydraulic brake auto adjuster tool kit	3S, EASC, ESS & EESS	Mandatory	LMD		
	Air brake-Disc	ST000225M	Hose clamp	Hose clamp tool	3S, EASC, ESS & EESS	Mandatory	LMD		
	Air brake-Disc	ST000224M	Caliper Piston retraction tool	Caliper Piston retraction tool	3S, EASC, ESS & EESS	Mandatory	LMD		








Diagnosis tool	All Volvo architecture	88890300	Tech Tool	Fault diagnosis tool			HD		
Diagnosis tool	E483,E366, E474,E494	ST000070	DALite tool	For vehicle diagnostic	3S, EASC, ESS & EESS	Mandatory	LMD		
Diagnosis tool	VEDX5, VEDX8, E494 ,E694	ST654434	Electrical & electronic circuit inspection	Fault diagnosis tool	3S, EASC & ESS	Mandatory	LMD & HD		
Diagnosis tool	VEDX5, VEDX8-BSIV & BSVI E494 ,E694-BSIV (Exclusive for VEDX5 & 8 BSVI as Set)***	ST654435	Break out box9 pin	Fault diagnosis tool	3S, EASC & ESS	Mandatory	HD	<a href="http://itube.vc.in/itube/watch_video.php?v=AX57AKHXKR7G">http://itube.vc.in/itube/watch_video.php?v=AX57AKHXKR7G</a>	
Diagnosis tool	VEDX5, VEDX8, E494 ,E694	ST654436	Breakout harness ems	Fault diagnosis tool	3S, EASC & ESS	Mandatory	LMD & HD		
Diagnosis tool	VEDX5, VEDX8, E494 ,E694	ST654437	Breakout harness iecu and ic	Fault diagnosis tool	3S, EASC & ESS	Mandatory	LMD & HD		
Diagnosis tool	VEDX5, VEDX8, E494 ,E694	ST654438	Breakout harness cab interface	Fault diagnosis tool	3S, EASC & ESS	Mandatory	LMD & HD		
Diagnosis tool	VEDX5, VEDX8, E494 ,E694	ST654439	Breakout harness engine sensors	Fault diagnosis tool	3S, EASC & ESS	Mandatory	LMD & HD		
Diagnosis tool	VEDX5, VEDX8, E494 ,E694	ST654440	Breakout harness iecu sensors	Fault diagnosis tool	3S, EASC & ESS	Mandatory	LMD & HD		
Diagnosis tool	VEDX5, VEDX8, E494 ,E694	ST654441	Breakout harness ic sensors	Fault diagnosis tool	3S, EASC & ESS	Mandatory	LMD & HD		
Diagnosis tool	AC Applicable models	ST011671	Locking unit	To remove compressor clutch (AC System)	3S, EASC & ESS	Mandatory	LMD & HD		
Diagnosis tool	VEDX5, VEDX8, E494 ,E694	ST126504	Harness exhaust brake	Electrical & electronic circuit inspection	3S, EASC & ESS	Mandatory	LMD & HD		
Diagnosis tool	VEDX5, VEDX8	ST654478	Break out Harness ACM sensor	Electrical & electronic circuit inspection	3S, EASC & ESS	Mandatory	LMD & HD		









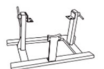

Diagnosis tool	VEDX5, VEDX8	ST654479	Break out Harness ACM Interface	Electrical & electronic circuit inspection	3S, EASC & ESS	Mandatory	LMD & HD		
Diagnosis tool	VEDX5, VEDX8	ST654477	Break out Harness ACM ECU	Electrical & electronic circuit inspection	3S, EASC & ESS	Mandatory	LMD & HD		
Diagnosis tool	VEDX5, VEDX8	ST654481	BREAKOUT HARNESS - TELEMATIC S GPS	Electrical & electronic circuit inspection	3S, EASC & ESS	Mandatory	LMD & HD		
Diagnosis tool	VEDX5, VEDX8, E494 ,E694	ST111407	Test pin kit (TELEMATIC S DIAGNOSTIC)	Electrical & electronic circuit inspection	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Diagnosis tool	E694-SCR	ST111514	BREAKOUT HARNESS FOR SUPPLY MODULE-NCPL	Electrical & electronic circuit inspection	3S & EASC	Mandatory	LMD & HD		
Diagnosis tool	E694-SCR	ST111515	BREAKOUT HARNESS FOR DOSING MODULE	Electrical & electronic circuit inspection	3S & EASC	Mandatory	LMD & HD		
Diagnosis tool		ST111554	BREAKOUT HARNESS - CV54 ECU	Electrical & electronic circuit inspection	3S & EASC	Mandatory	LMD & HD		
Diagnosis tool		ST111555	CV54 ENGINE SENSOR BREAKOUT HARNESS	Electrical & electronic circuit inspection	3S & EASC	Mandatory	LMD & HD		
Diagnosis tool		ST111556	CV54 VEHICLE SENSORS BREAKOUT HARNESS	Electrical & electronic circuit inspection	3S & EASC	Mandatory	LMD & HD		
Diagnosis tool		ST654504	BREAKOUT HARNESS FOR EGR-2	Electrical & electronic circuit inspection	3S & EASC	Mandatory	LMD & HD		
Diagnosis tool		ST654482	BREAKOUT HARNESS FOR EGR	Electrical & electronic circuit inspection	3S & EASC	Mandatory	LMD & HD		
Diagnosis tool	BSVI & BSVI- All Volvo architecture	2147483647	WIFI Dongle	For Diagnostics	3S, EASC, ESS & EESS	Mandatory	HD		
Diagnosis tool	VEDX5, VEDX8 - BSVI (Exclusive for VEDX5 & 8 BSVI as Set) ***	ST000044	BREAKOUT BOX - 108P - BS6	For Diagnostics	3S, EASC, ESS & EESS	Mandatory	LMD & HD	<a href="http://itube.vc.in/itube/watch_video.php?v=AX57AKHXKR7G">http://itube.vc.in/itube/watch_video.php?v=AX57AKHXKR7G</a>	
Diagnosis tool	VEDX5, VEDX8 - BSVI (Exclusive for VEDX5 & 8 BSVI as Set) ***	ST000042	BREAKOUT HARNESS - 124P ECU - MDE5/MDE8 BS6	For Diagnostics	3S, EASC, ESS & EESS	Mandatory	HD	<a href="http://itube.vc.in/itube/watch_video.php?v=AX57AKHXKR7G">http://itube.vc.in/itube/watch_video.php?v=AX57AKHXKR7G</a>	



Diagnosis tool	VEDX5, VEDX8 - BSVI (Exclusive for VEDX5 & 8 BSVI as Set) ***	ST000041	BREAKOUT HARNESS - IC & ACM - MDE5/MDE8 BS6	For Diagnostics	3S, EASC, ESS & EESS	Mandatory	HD	<a href="http://itube.ve cv.in/itube/watch_video.php?v=AX57AKHXKR7G">http://itube.ve cv.in/itube/watch_video.php?v=AX57AKHXKR7G</a>	
Diagnosis tool	VEDX5, VEDX8 - BSVI (Exclusive for VEDX5 & 8 BSVI as Set) ***	ST000037	BREAKOUT HARNESS - ACM SENSORS - MDE5/MDE8 BS6	For Diagnostics	3S, EASC, ESS & EESS	Mandatory	HD	<a href="http://itube.ve cv.in/itube/watch_video.php?v=AX57AKHXKR7G">http://itube.ve cv.in/itube/watch_video.php?v=AX57AKHXKR7G</a>	
Diagnosis tool	VEDX5, VEDX8 - BSVI (Exclusive for VEDX5 & 8 BSVI as Set) ***	ST000038	BREAKOUT HARNESS - ENGINE SENSORS - MDE5/MDE8 BS6	For Diagnostics	3S, EASC, ESS & EESS	Mandatory	HD	<a href="http://itube.ve cv.in/itube/watch_video.php?v=AX57AKHXKR7G">http://itube.ve cv.in/itube/watch_video.php?v=AX57AKHXKR7G</a>	
Diagnosis tool	E366, E474, E494 - BSVI (Exclusive for LMD BSVI)	ST000033	Harness ECU-366/E494 & E474	For Diagnostics	3S, EASC, ESS & EESS	Mandatory	LMD		
Diagnosis tool	E366, E474, E494 - BSVI (Exclusive for LMD BSVI)	ST000030	EATS Harness E366, E494 & E474	For Diagnostics	3S & EASC	Mandatory	LMD		
Diagnosis tool	E366, E474, E494 - BSVI (Exclusive for LMD BSVI)	ST000031	Engine Harness E366, E494 & E474	For Diagnostics	3S, EASC, ESS & EESS	Mandatory	LMD		
Diagnosis tool		IE333096	BS III & BS IV Model : Pro 8000, Pro 6000, Pro 5000, Pro 3000 ( trucks and buses), Pro 1000 & 20.15 bus	For Diagnostics	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Diagnosis tool		IE332170	BS III & BS IV Model : Pro 1000 Series trucks , 10.50 bus, 10.75 bus & 10.90 bus	For Diagnostics	3S & EASC	Mandatory	LMD		
Diagnosis tool		IE452905	AIS 140 TELEMATIC S PIGTAIL FOR A/M	For Diagnostics	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Diagnosis tool	LMD-BSIV & BSVI	ST000223M	Vacuum diagnostics tool kit	For Diagnostics	3S, EASC & ESS	O	LMD & HD		
Cabin & Body	Adjustable Cabin	ST042705	Cabin lifting tackle	Removal & installation of cabin from vehicle	3S & EASC	Optional	LMD & HD		
Cabin & Body	Adjustable Cabin	ST042672	Cabin mounting stand	Mounting of cabin for repair	3S & EASC	Optional	LMD & HD		
Cabin & Body	Adjustable Cabin	ST142397	Installer for rubber bush for link bracket assy.	Removal and installation of rubber bush assy link bar bush	3S & EASC	Optional	HD		
Cabin & Body	Adjustable Cabin	ST052763	3 Piece pry tool set	For removing snap fitted parts	3S, EASC, ESS & EESS	Mandatory	LMD & HD		










Cabin & Body	Adjustable Cabin	ST142520	Cabin mounting stand	Mounting of cabin for repair			LMD & HD		
Cabin & Body	Windshield repair	IZ300275	For windshield removal & Installation	For windshield removal & Installation			LMD		
Cabin & Body	Windshield repair	IZ300276	Cutting kit	For windshield sealant cutting			LMD		
Cabin & Body	Gun spray	IZ300277	Manual dispenser gun	Sealants & adhesives dispenser			LMD		
Cabin & Body	Standard tool	IZ300278	Scraper kit	For removing badges, vignettes, residual adhesive beads, seals etc			LMD		
Cabin & Body	Windshield repair	IZ300290	Windshield-Removing set	For removing windshield			LMD		
Cabin & Body	Windshield repair	ST142516	Front wind shield	Repair of front wind shield			HD		
Cabin & Body	Side door	ST142518	Side doors LH and RH	Repair of side doors			HD		
Cabin & Body	Standard tool	General Tool	Beating Set	Removal of dents from sheet metal panel			LMD & HD		
Cabin & Body	Standard tool	General Tool	Dent Removal Kit	Removal of dents from sheet metal panel			LMD & HD		
Cabin & Body	Standard tool	General Tool	Spot Weld Removal	Removal of spot welds			LMD & HD		
Cabin & Body	Standard tool	General Tool	Pneumatic Saw	Cutting of weld panels			LMD & HD		
Cabin & Body	Standard tool	General Tool	Gas Cutter	Removal of filler & sealant Cutting of damaged weld panels			LMD & HD		
Cabin & Body	Standard tool	General Tool	Wire Brush	Removal of burnt filler & sealant			LMD & HD		
Cabin & Body	Standard tool	General Tool	Weld Clamps	Clamping & positioning of panels			LMD & HD		
Cabin & Body	Standard tool	General Tool	Spot welding machine	Spot welding of panels			LMD & HD		
Cabin & Body	Standard tool	General Tool	MIG welding machine	MIG welding of panels			LMD & HD		
Cabin & Body	Standard tool	General Tool	Hand grinder	Grinding of weld nuggets			LMD & HD		
Cabin & Body	Standard tool	General Tool	Filler (putty) blade	Pasting Filler (Putty)			LMD & HD		
Cabin & Body	Standard tool	General Tool	Spray paint gun	Painting of panels			LMD & HD		














Cabin & Body	Standard tool	General Tool	Sander	Sanding and Polishing of panels			LMD & HD		
Cabin & Body	Standard tool	General Tool	Expander	Expanding panels for support and welding			LMD & HD		
Cabin & Body	Standard tool	General Tool	Expander	Filling of sealant on joints			LMD & HD		
Cabin & Body	Standard tool	General Tool	Flat Ruler	Inspection of surface flatness			LMD & HD		
Cabin & Body	Standard tool	General Tool	Spanners and sockets	Removal & Re-fitment of bolts			LMD & HD		
Cabin & Body	Standard tool	General Tool	Nose plier	Removal & Re-fitment of clips			LMD & HD		
Cabin & Body	Standard tool	General Tool	Screw driver	Removal & Re-fitment of screws			LMD & HD		
Cabin & Body	Standard tool	General Tool	Chisel	Cutting of weld panels			LMD & HD		
Chassis		152915	Fuel quantity measuring tool	To check fuel quantity	3S & EASC	Mandatory			
Chassis		ST141437	Fuel quantity measuring tool	To check fuel quantity	3S & EASC	Mandatory			
Chassis		ST241179	Fuel quantity measuring tool	To check fuel quantity	3S & EASC	Mandatory			
Chassis		ST191513	Fuel quantity measuring tool	To check fuel quantity	3S & EASC	Mandatory			
Chassis		ST000063	Fuel level Gauge 100L metallic fuel Type	To check fuel quantity	3S & EASC	Mandatory	LMD		
Chassis		ST000064	Fuel level Gauge 190 L plastic rectangle	To check fuel quantity	3S & EASC	Mandatory	LMD		
Chassis		ST000065	Fuel level Gauge 250L Metallic Round Typ	To check fuel quantity	3S & EASC	Mandatory	LMD & HD		
Chassis		ST000066	Fuel level Gauge 315L metallic Round Typ	To check fuel quantity	3S & EASC	Mandatory	HD		
Chassis		ST000067	Fuel level Gauge 350L Plastic Square Tan	To check fuel quantity	3S & EASC	Mandatory	HD		
Chassis		ST000068	Fuel level Gauge 425L Plastic Rectangle	To check fuel quantity	3S & EASC	Mandatory	HD		

Chassis		31301	Fuel quantity measuring tool	To check fuel quantity	3S & EASC	Optional	LMD		
Chassis		31302	Fuel quantity measuring tool	To check fuel quantity	3S & EASC	Optional	LMD		
Chassis		ITGA00001	Fuel quantity measuring tool	To check fuel quantity	3S & EASC	Optional	LMD & HD		
Chassis		ST041774	Fuel quantity measuring tool	To check fuel quantity	3S & EASC	Optional	LMD		
Chassis		ST211106	Fuel quantity measuring tool	To check fuel quantity	3S & EASC	Optional	LMD		
Rear Axle		1002701	Rear hub outer bearing outer race installer	Installation of rear hub outer bearing outer race. Used in combination with installation punch - 1230001			EV		
Rear Axle		1002702	Rear hub inner bearing outer race installer	Installation of rear hub inner bearing outer race. Used in combination with Installation punch - 1230001			EV		
Rear Axle		1002703	Rear hub oil seal spacer installer	Installation of rear wheel hub oil seal spacer and inner bearing along with hub			EV		
Rear Axle		32713	Oil seal installer	Installation of pinion oil seal	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Rear Axle		32721	Differential working base assembly	Differential working base	3S & EASC	Mandatory	LMD & HD		
Rear Axle	THSL Lift axle	ST000106	Lift axle main bellow pressure checking tool	Lift axle main bellow pressure checking tool	3S & EASC	Mandatory	HD		
Rear Axle	Meritor Axle	52715	Hub inner oil seal installer	To install inner hub oil seal	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Rear Axle		32719	Rear oil seal hub installer	Installation of Rear Hub Oil Seal Installer Inner & Outer Oil Seal	3S, EASC, ESS & EESS	Mandatory	LMD & HD		

Rear Axle	Meritor Axle	52714	Hub outer oil seal installer	To install outer hub oil seal	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Rear Axle	11.10 Meritor	ST027283	Socket pinion nut	Remove and fitment of pinion nut	3S, EASC, ESS & EESS	Mandatory			
Rear Axle	11.10 Meritor	ST127255	Rear oil seal installer adaptor	Rear oil sea installer	3S, EASC, ESS & EESS	Mandatory			
Rear Axle	11.10 Meritor	ST027262	Mech tool bearing pressing fixture	Pilot bearing pressing	3S & EASC	Mandatory			
Rear Axle	11.10 Meritor	ST027280	Mech tool comp flange pressing tool	Companion flange pressing	3S & EASC	Mandatory			
Rear Axle	11.10 Meritor	ST027254	Mech tool cup driver	Cup removing tool from pinion cage	3S & EASC	Mandatory			
Rear Axle	11.10 Meritor	ST027255	Mech tool cup driver	Removal of bearing cup	3S & EASC	Mandatory			
Rear Axle	11.10 Meritor	ST027281	Mech tool dolly oilseal pressing	Oil seal pressing	3S & EASC	Mandatory			
Rear Axle	11.10 Meritor	ST027284	Mech tool pinion cage assy bunk	Drum to facilitate bearing removal	3S & EASC	Mandatory			
Rear Axle	11.10 Meritor	52707	Diff.pilot bearing installer	To install differential pilot bearing	3S & EASC	Mandatory			
Rear Axle	11.10 Meritor	52708	Diff pinion bearing installer	To install differential pilot bearing	3S & EASC	Mandatory			
Rear Axle	Meritor Axle	52709	Diff side bearing installer	To install differential side bearing	3S & EASC	Mandatory			
Rear Axle	Meritor Axle	52710	Diff oil seal installer	To install differential oil seal	3S & EASC	Mandatory			
Rear Axle	Meritor Axle	52711	Differential stand adaptor lh	To hold differential	3S & EASC	Mandatory			
Rear Axle	Meritor Axle	52712	Differential stand adaptor rh	To hold differential	3S & EASC	Mandatory			
Rear Axle	11.10 Meritor	ST027275	Differential mounting plate	Mounting differential RH side	3S & EASC	Desirable for Meritor axle	LMD & HD		




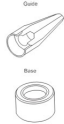


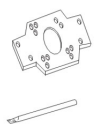




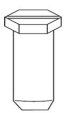

Rear Axle	11.10 Meritor	ST027276	Differential mounting plate	Mounting differential LH side	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	11.10 Meritor	ST027614	Bearing pressing fixture	Fixture to press the bearing	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	11.10 Meritor	ST027278	Mech tool dolly comp flange	Pressing dolly plain half side bearing	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	11.10 Meritor	ST027277	Mech tool dolly f half brg	Pressing dolly flange half side bearing	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	52713	Differential stand adapter rear flange	To hold differential Assembly	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	62701	Mechanical tool dolly	Mechanical Tool Dolly	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	62702	Mechanical tool pressing tool	Mechanical Tool Pressing Tool	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	62703	Mechanical tool b.r.g. pressing fixture	Mechanical Tool B.R.G. Pressing Fixture	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	62706	Mechanical tool c) pinion cup pressing tool	Mechanical Tool C) Pinion cup Pressing Tool	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	62707	Mechanical tool removing tool	Mechanical tool removing tool	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	62710	Mechanical tool pinion brg removing tool	Mechanical Tool Pinion Brg removing Tool	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	62711	Mechanical tool pression dolly sat	Mechanical Tool Pression Dolly Sat	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	62712	Mechanical tool pression dooly	Mechanical Tool Pression Dooly	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	62713	Mechanical tool pression dooly	Mechanical Tool Pression Dooly	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	62714	Mechanical tool gear cup pression	Mechanical Tool Gear Cup Pression	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	62715	Mechanical tool sleeve dooly	Mechanical Tool Sleeve Dooly	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	62718	Mechanical tool pression dooly	Mechanical Tool Pression Dooly	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle	Meritor	62719	Mechanical tool kit pression fixture	Mechanical Tool KIT Pression Fixture	3S & EASC	Desirable for Meritor axle	LMD & HD		
Rear Axle		32714	Dust cover installer	Installation of rear wheel hub dust cover	3S, EASC, ESS & EESS	Optional	LMD & HD		

Front & Rear Suspension	Mechanical Suspension	153313	Spring pin remover	To remove spring pin	3S, EASC, ESS & EESS	Vendor tool	LMD		
Front & Rear Suspension	Mechanical Suspension	33301	Front spring bush remover & installer	Removal and installation of front spring bush	3S, EASC, ESS & EESS	Vendor tool	LMD		
Front & Rear Suspension	Mechanical Suspension	33401	Rear spring bush remover & installer	Removal and installation of rear spring bush	3S, EASC, ESS & EESS	Vendor tool	LMD		
Front & Rear Suspension	Mechanical Suspension	343402	Front & rear suspension wear plate tool	Installation of dust seal type wear plate	3S, EASC, ESS & EESS	Vendor tool	LMD		
Front & Rear Suspension	Bell crank Suspension	33402	Rear spring pin remover assembly (Bell crank)	To remove connecting rod and bell crank pin	3S, EASC, ESS & EESS	Vendor tool	HD		
Front & Rear Suspension	Bogie suspension	ST134433	Installer for bar pin bush & frame center bush	Used for pressing and removing bar pin bush and also for pressing and removing frame center bush.	3S & EASC	Vendor tool	HD		
Front & Rear Suspension	Bogie suspension	ST234170	Installer for removing frame center bush	For removing frame center bush along with ST134433	3S & EASC	Vendor tool	HD		
Front & Rear Suspension	Bogie suspension	ST234169	Installer for pressing frame center bush	For pressing frame center bush along with ST134433	3S & EASC	Vendor tool	HD		
Front & Rear Suspension	Bogie suspension	ST134247	Spanner for U-Bolt Tightning a 25 Boggie suspension	U-Bolt Tightning a 25 Boggie suspension	3S & EASC	Vendor tool	HD		
Front & Rear Suspension	Air Suspension	ST134240	Compound link puller	To remove compound link	3S & EASC	Vendor tool	LMD, HD, Bus		
Front & Rear Suspension	Air Suspension	ST134236	Pivot bolt puller	To remove pivot bolt	3S & EASC	Vendor tool	LMD		
Front axle /Front & Rear Suspension	Mechanical suspension	152954	Mechanical tool bushing installer	Removal & installation of king pin bushing & rear suspension bush	3S, EASC, ESS & EESS	Mandatory	LMD		
Front & Rear Suspension	Mechanical Suspension	ST000220i	Leaf Spring Silent Bush Installer	Removal & Installation of leaf spring bush	3S & EASC	Optional	LMD		

Front & Rear Suspension	Bogie suspension	ST000126	Rear Axle U-bolt nut tightening tool	For Rear Axle U-Bolt Tightening Bogie suspension	3S, EASC, ESS & EESS	Mandatory	HD		
Front & Rear Suspension	Bogie suspension	ST227189	Bushing installing tool (Bell crank)	Roval & installation of rear suspension bush			HD		
Front & Rear Suspension	Bogie suspension	33404	Bushing installing tool (Bell crank)	Removal & installation of rear suspension bush			HD		
Front & Rear Suspension	Lift axle THSL & JPSL	ST000204I	Lift axle Bush Puller	Remove/Inst all Lift axle Bush	3S, EASC, ESS & EESS	Mandatory	HD		
Front & Rear Suspension	Lift axle THSL & JPSL	ST000106	Lift axle bellow pressure measuring gauge	Lift axle penumatic pressure measurement	3S, EASC, ESS & EESS	Mandatory	HD		
Front & Rear Suspension	Lift axle THSL	ST000094	Lift axle Trailing arm bush Puller (THSL)	Aggregate moment	3S, EASC & ESS	Desirable	HD		
Front & Rear Suspension	Lift axle THSL & JPSL	ST000096	Lift axle trolley (THSL and JPSL)	Aggregate moment	3S, EASC & ESS	Desirable	HD		
Front & Rear Suspension	Lift axle THSL & JPSL	33403	Rear spring pin remover bolt & nut	Rear spring pin remover bolt & nut	3S, EASC, ESS & EESS	Vendor tool	HD		
Steering		153093	Steering wheel puller	Removal of steering wheel	3S, EASC, ESS & EESS	Optional	LMD		
Steering		152593	Pitman arm puller	Removal of pitman arm	3S, EASC, ESS & EESS	Optional	LMD		
Steering		203701	Pitman arm puller	Removal of pitman arm	3S, EASC, ESS & EESS	Optional	LMD		
Steering		33103	Starting torque measuring tool	For measuring starting torque	3S & EASC	Optional	LMD & HD		
Steering		9808092	Dial indicator	For checking wear in ball joint			LMD & HD		
Steering		9809726	Hydraulic pump	For Hydraulic Cylinder			LMD & HD		



Steering		9986172	Puller	For compressor			LMD & HD		
Steering		9990814	Puller	For ball stud			LMD & HD		
Steering		9992497		For removing pitman arm			LMD & HD		 <b>9992497</b>
Steering		9992619	Spindle	For hydraulic cylinder 9992671			LMD & HD		 9992619
Steering		9992671	Hydraulic cylinder	For removing king pin			LMD & HD		
Steering		9992681	Puller	For pitman arm			LMD & HD		 <b>9992681</b>
Steering		9996162	Instrument	For checking and adjusting steering gear off-loading mechanism			LMD & HD		
Steering		9996201	Puller	For ball stud			LMD & HD		 9996201
Steering		9996722	Connector	For checking and adjusting steering gear off-loading mechanism			LMD & HD		 9996722
Steering		9998946	Assembly tool	For nipple installation			LMD & HD		
Steering		88800223	Lock brace	For locking third steering axle			LMD & HD		
Steering		88800234	Hose	For pressure measuring			LMD & HD		
Steering		88800276	Adapter	For checking steering gear off loading mechanism			LMD & HD		
Steering		ST000099	Power Steering reservoir cap remover	For removal of power steering reservoir cap	3S, EASC, ESS & EESS	Desirable	HD		

Steering		ST037700	Steering wheel puller	For removal of steering wheel	3S, EASC, ESS & EESS	Optional	LMD & HD		
Steering		ST125624	Pitman arm puller	For removal of pitman arm	3S, EASC, ESS & EESS	Optional	LMD & HD		
Steering		ST037744	Pitman arm puller	For removal of pitman arm	3S, EASC, ESS & EESS	Optional	LMD & HD		
Brakes	Hydraulic brake	153264	Master Cylinder Cup Installer	Installation of primary & Secondary Cups	3S, EASC, ESS & EESS	Vendor tool	LMD	<a href="http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9">http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9</a>	
Brakes	Hydraulic brake/Air brake	153704	Exhaust brake power chamber opener	Used combination With Bracket	3S, EASC, ESS & EESS	Vendor tool	LMD	<a href="http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9">http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9</a>	
Brakes	Hydraulic brake	153384	Bracket	For Fixing the front shell	3S & EASC	Vendor tool	LMD	<a href="http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9">http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9</a>	
Brakes	Hydraulic brake	153303	Plate & Lever	Disassembly & Reassembly of master Vac.Used with combination of Plate & Bracket	3S, EASC, ESS & EESS	Vendor tool	LMD	<a href="http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9">http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9</a>	
Brakes	Hydraulic brake	153684	Press fitting tool	Installation of rear shell seal	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9">http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9</a>	
Brakes	Hydraulic brake	153324	Master vac front seal installer	Installation of front shell seal assembly	3S, EASC, ESS & EESS	Vendor tool	LMD	<a href="http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9">http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9</a>	
Brakes	Hydraulic brake	153334	Adjusting tool	Adjustment of push rod dimension	3S, EASC, ESS & EESS	Mandatory	LMD	<a href="http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9">http://itube.cv.in/itube/watch_video.php?v=1GD39O68GMK9</a>	
Brakes	Air brake	203501	Spring compressor	To compress the heavy coiled spring of spring brake actuator.	3S & EASC	Vendor tool	LMD & HD		
Brakes	Air brake	203502	Driver	To install / remove wind off bolt	3S, EASC & ESS	Mandatory	LMD & HD		
Brakes	Air brake	203503	Centering tool	To align secondary valve axis and body axis	3S & EASC	Vendor tool	LMD & HD		

Brakes	Air brake	203504	Centering tool and spring compressor	To align primary valve with body and to compress valve spring.	3S & EASC	Vendor tool	LMD & HD		
Brakes	Air brake	203505	C-Clamp, Rubber Spring	To compress rubber spring	3S & EASC	Vendor tool	LMD & HD		
Brakes	Air brake	203507	Oil seal installer	To install crank shaft oil seal	3S, EASC, ESS & EESS	Mandatory	LMD & HD		
Brakes	Air brake	203508	Bush remover & installer	To remove and install wrapped bush	3S, EASC, ESS & EESS	Vendor tool	LMD & HD		
Brakes	Air brake	203509	Guide	To align spring brake actuator ram with cylinder	3S, EASC & ESS	Mandatory	LMD & HD		
Brakes	Air brake	ST135600	Mechanical Tool (DDU)	To dismantle Drying & Distribution unit.			LMD & HD		
Brakes	Air brake	1203503	Nylon Mandrel	To Push the Piston in to the Crank case for New Life Compressor	3S & EASC	Vendor tool	LMD & HD		
Transmission	ET140S9	ST000217M	Rear Housing ball bearing remove	Rear Housing ball bearing remove	3S & EASC	Mandatory	HD	<a href="https://iTube.vecv.in/itube/watch_video.php?v=2BS49UW47YDG">https://iTube.vecv.in/itube/watch_video.php?v=2BS49UW47YDG</a>	
Traction Motor	Trolley - Traction Motor	ST000092	Traction motor removal trolley	To remove traction motor from vehicle		Mandatory	EV		
Engine	E366, E474, E494, VEDX5 & VEDX8	ST000103	Urea tank neck filter removal tool	Urea tank neck filter removal & fitment		Mandatory	LMD & HD	Applicable of DEF Tank	
Transmission	ET140 S9	OLS-TTT-017	ET140 S9 Transmission trolley	Transmission trolley for ET140 9 Speed Gear box	3S, EASC, ESS & EESS	Mandatory	HD	ET140S9 Transmission trolley can be procure from below vendor Address: M/S Oil Lube Systems Pvt. Ltd Badkhal Pali Road, Opp. Delhi Masjid, Badkhal, Nit Faridabad 121001 Contact Person:- Abhishek Sharma Mob- 9891910774 Email- abhishek@oil lubesystems.com	