



# HEAVY-DUTY NAVISTAR DIESEL SERVICE TOOLS

| TOOL  | USE  | APPLICATION  |
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| <br>5851   | <p>Cam Gear Puller</p> <p>A specially designed puller for removing the cam gear on select Navistar, MaxxForce, N9, N10 and DR engines.</p> <p>Similar to Navistar OE tool number ZTSE4411.</p>   | <p>Pre 2004 530E, Pre 2004 DT466E, 2004 - 2007 DT 466, 2007 MaxxForce 10, 2007 MaxxForce 9, 2007 MaxxForce DT, 2010 MaxxForce 10, 2010 MaxxForce 9, 2010 MaxxForce DT, 2013 N10 w/ SCR, 2013 N9 w/SCR, 9000i Series.</p> |
| <br>5853  | <p>Rear Seal Installer</p> <p>Tool is designed to install and correctly position both crankshaft rear oil seal and wear sleeve on select Navistar, MaxxForce, N9, N10 and DT engines. The kit includes a 180mm adapter ring for 2010-Later engines.</p> <p>Similar to Navistar OE tool number ZTSE4637 &amp; ZTSE6054.</p>   | <p>2004 - 2007 DT 466, 2007 MaxxForce 10, 2007 MaxxForce 9, 2007 MaxxForce DT, 2010 MaxxForce 10, 2010 MaxxForce 9, 2010 MaxxForce DT, 2013 N10 w/SCR, 2013 N9 w/SCR, 9000i Series.</p>                                  |
| <br>5855 | <p>Rear Seal and Wear Sleeve Installer</p> <p>Tools are designed to install and correctly position both crankshaft rear oil seal and wear sleeve. Set covers 156mm and 166mm OD seals for select pre-2004 and 2004-2007 Navistar DT and E engines.</p> <p>Similar to Navistar OE tool number ZTSE4749 &amp; ZTSE2535C.</p>   | <p>Pre 2004 530E, Pre 2004 DT466E, 2004 - 2007 DT 466, 9000i Series.</p>   |
| <br>5857 | <p>Pitman Arm Puller</p> <p>Allows removal of pitman arms from most Sheppard M-Series Steering Gears. Works in conjunction with the pitman arm retainer, which works as a jack screw to remove the pitman arm.</p> <p>Similar to Navistar OE tool number ZTSE4439.</p>   | <p>9000i Series, AC / UC &amp; HT / TC Commercial Bus, AE, BE, CE &amp; Integrated Bus, CityStar / CF Series, CXT, MXT, DuraStar, LoadStar, LT , MV, RE Integrated Bus, RH, TerraStar, WorkStar.</p>                     |
| <br>5859 | <p>Full Power Brake Bleeding Kit</p> <p>This tool is used when servicing the vehicle's brakes. Kit includes: Main Pressure Regulating Assembly with integrated filter, Brake Bleeding Adapter, and Pressure Supply Valve Socket.</p> <p>Similar to Navistar OE tool number ZTSE4757.</p>   | <p>AC / UC &amp; HT / TC Commercial Bus, AE, BE, CE &amp; Integrated Bus, CityStar / CF Series, CXT, MXT, DuraStar, EStar, RE Integrated Bus, TerraStar, WorkHorse.</p>  |
| <br>5861 | <p>Injector Puller</p> <p>Used to remove the injector from the cylinder head on select Navistar MaxxForce, N10, N13, N9, and International A engines. Includes 2 Flange Nuts size M12 x 1.75. Some engines may need part number 12-453-01-01 to assist with injector removal on engines equipped with a composite valve cover.</p> <p>Similar to Navistar OE tool number ZTSE4770.</p> | <p>2007 MaxxForce 11, 2007 MaxxForce 13, 2010 MaxxForce 11, 2010 MaxxForce 13, 2010 MaxxForce 15, 2013 N10 w/SCR, 2013 N13 w/ SCR, 2013 N9 w/SCR, 2015 N13 w/SCR, 2017 International A26, 9000i Series.</p>              |

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| <br>5863         | <b>Front Seal Installer</b><br>Installs the front seal and wear sleeve on select Navistar VT and MaxxForce engines.<br>Similar to Navistar OE tool number ZTSE4516.   | 2004 - 2007 VT 275, 2004 - 2007 VT 365, 2007 MaxxForce 5.   |
| <br>5865         | <b>EGR Valve Puller</b><br>Tool is used to remove the EGR valve on select MaxxForce, N9 and N10 engines.<br>Similar to Navistar OE tool number ZTSE4941.  | 2010 MaxxForce 10, 2010 MaxxForce 9, 2010 MaxxForce DT, 2013 N10 w/SCR, 2013 N9 w/SCR.  |
| <br>5867         | <b>Cab Mount Bushing Kit</b><br>Used to remove and/or install cab-mounting bushings on select Navistar bodies.<br>Similar to Navistar OE tool number ZTSE4928.  | 9000i Series, DuraStar, HV, HX, LoneStar, LT, MV, PayStar, ProStar, RH, TerraStar, TranStar, WorkStar.  |
| <br>5852 | <b>Piston Ring Compressor (4.589")</b><br>Clamshell type piston ring compressor, 4.589" diameter. Assures proper piston installation, reducing the possibility of broken rings. Works on select Navistar MaxxForce, N9, N10 and 9000 engines.<br>Similar to Navistar OE tool number ZTSE4396.   | Pre 2004 DT466E, 2007 MaxxForce 10, 2007 MaxxForce 9, 2007 MaxxForce DT, 2010 MaxxForce 10, 2010 MaxxForce 9, 2010 MaxxForce DT, 2013 N10 w/SCR, 2013 N9 w/SCR, 9000i Series.   |
| <br>5854 | <b>Piston Ring Compressor (5.40")</b><br>Clamshell type piston ring compressor, 5.40" diameter. Assures proper piston installation, reducing the possibility of broken rings. Works on select Caterpillar and Cummins engines.<br>Similar to Porta-Tool OE tool number PT-7040.   | Caterpillar 3400, C15 & Cummins ISX.  |
| <br>5668       | <b>Universal Cylinder Liner Puller</b><br>Designed to be used with an impact wrench for quick cylinder liner removal. The spring loaded puller arms automatically adjust to fit the liner for a fast set-up time. The low profile of this tool allows work in areas where space is limited. The tool accommodates bore diameters from 3-7/8" to 6-1/4", sleeve depths to 15", and liner wall thickness of 0.273" min. Drive screw hex size; 1-1/8". Works on select Mack, Volvo, Detroit Diesel, International, Cummins, Navistar and other Caterpillar engines.<br>Similar to Porta-Tool OE tool number PT-6400-C. | For Heavy-duty truck applications. Mack, Volvo, Detroit, International, Cummins (except L10 and C series), and other Cat Engines 3176, 3196, 3300 Series, 3400 Series, 3500 Series, C10, C12, C15, C16 Maxxforce DT, DT360, DTA360, DTA466, DT466, DT530 (PLN), DT466E, DT530E, DT570, HT570. |
| <br>5668-5     | <b>Small Foot Assembly Set</b><br>Optional puller feet for the 5668 Universal Cylinder Liner Puller for liner wall thickness of 0.148" min. Set includes a pair of feet and mounting bolts. Works on select Cummins and Detroit Diesel applications.<br>Similar to Porta-Tool OE tool number PT-6410-4A (2X).   | Cummins and Detroit Diesel applications.  |