

ENGINE SERVICE

2067 17MM O2 SENSOR WRENCH - LANDROVER
Services: GEMS engine Classic, Discover, Defender & Defender 110.
3/8" drive.



2069 OFFSET O2 SENSOR WRENCH - STUBBY
Crow's foot w/ deep socket.
7/8" (22mm) hex w/ double 1/2" drive. 60mm long x 48mm high.



2073 3 PC. OXYGEN SENSOR SET
Includes 3 most popular 22mm sockets: #2062, 2065 & 2069.



2068 OXYGEN SENSOR THREAD CHASER
Removes corrosion & straightens damaged threads in oxygen sensor holes. M18 x 1.5 size can be used on same size spark plug threads. Combo 3/4" hex & 3/8" sq drive.



7854 VW/AUDI ACTUATOR SOCKET - 2.0L DIESEL
Removes and installs actuator on VW/Audi 4 cylinder 2.0L common rail diesel engines. Compare to VW Factory Tool #T10422A.



7850 FORD FLOW SENSOR SOCKET - 19MM
Required thin-wall design to clear sensor connection bracket. 3/8" Drive. OAL: 3".
Application: 2010-2017 Ford Transit Connect.



2042 OIL PRESSURE SENDING UNIT SOCKET - 1" & 1-1/16"
Services 2-5/8" switches on older GM & Chrysler.
3/8" sq & 1" hex drive.
OAL: 3"



2043 OIL PRESSURE SENDING UNIT SOCKET - 1-1/16"
OAL: 2-1/2" (63mm).
3/8" square drive.



1024 HIGH PRESSURE OIL RAIL BALL TUBE INSTALLER
Services Oil Manifolds on 2004.5-2007 Powerstroke 6.0L engines.
Can use as alignment tool. 22.75mm hex w/ 20mm I.D. hole.
Use with 7/8" hex socket.



1025 FORD HARMONIC BALANCER HOLDER
Holds Harmonic Balancer in place when removing or installing center bolt or Ford Taurus Pulley Extension. For 2.5 & 3.0L V6 Duratec engines 1990's to 2007. Won't warp balancer & no need to lock flywheel!



A815 HARMONIC BALANCER PULLER
Includes: Yoke, 6-1/2" center screw, adapter & 4 sets of bolts: 3/8" - 16 x 4", 3/8" - 24 x 2", 5/16" - 18 x 2", M8 x 1.25 x 80mm.



2236 H.D. HARMONIC BALANCER PULLER
Includes: Yoke, 7-1/2" center screw, Flat & Pointed adapter tips & 4 sets of bolts: M8 x 1.25 x 80mm, 3/8" - 16 x 4", 3/8" - 24 x 2" & 5/16"-18 x 2".



A810 GM/CHRYSLER/MITSUBISHI HARMONIC BALANCER PULLER
Removes pulleys in tight engine compartments w/o removing radiator. Features 3-jaw puller, forcing bolts & center bolt w/ 3/8" square drive 3/4" hex head.
For GM 2000 Generation III 4.8, 5.3, 5.7, 6.0 & 8.1L V8s, 1988+ Cadillac 4.5, 4.6 & 4.9L V8s, 1990+ Chrysler 2.0, 2.3 L-4s & 2.5, 2.7, 3.3, 3.5 & 3.8L V6 & Mitsubishi.



2248 HARMONIC BALANCER INSTALLER
Installs harmonic balancer & drive pulleys pressed on camshaft. Includes 12 adapters: M16-2.0, M16-1.5, M14-2.0, M14-1.5, M12-1.75, M12-1.5 M10-1.5, 3/4-16, 5/8-18, 9/16-18, 1/2-20 & 7/16-20.



A814 GM CRANKSHAFT BALANCER PULLER ADAPTER SET
Shoulder bolts prevent incorrect installation & protect crank sensor & interrupter rings from damage on 1990+ 3300 & 3800 V6 engines. For use with all flanged-type pullers. Includes spacer adapter to give forcing screw something to push against.



2249 HARMONIC BALANCER PULLEY INSTALLER- LONG REACH
For V8s & V6s on 2004+ Ford, 2008+ GM, 2006+ Chrysler/Dodge. Reduces risk of stripping threads inside the crank or breaking crank bolts M12 x 1.5 - 6", M16 x 2.0 - 8-1/4", M14 x 1.5 - 9", M12 x 1.75 - 8-1/4".



5083 6 PC. EGT SENSOR SOCKET SET
Remove without damaging connection wire, housing & sensor threads. Opening in hex end for clearance. 3/8" square drive. Packed in blow mold case.

| No. | Size |
|---------|-----------------|
| 5083X01 | 13mm - Angled |
| 5083X02 | 14mm - Angled |
| 5083X03 | 17mm - Angled |
| 5083X04 | 13mm - Straight |
| 5083X05 | 14mm - Straight |
| 5083X06 | 17mm - Straight |



NEW!

5048 ENGINE BARRING SOCKET - MX 13 ENGINE
Rotates MX 13 Paccar engine. Services: Mack E7 and Cat 3208. Dimensions: 8 Splines x 1.725"(43.815mm). Compare to Factory Tool: 0508477.

NEW!



5073 ENGINE BARRING SOCKET - CUMMINS 5.9L
Designed to fit the flex plate teeth. Insert the tool into the flywheel housing until it engages the ring gear, then attach a 1/2" square drive tool to operate. Services: Dodge Pickups 3.9L, 5.9L, 6.7L & 8.3L diesel engines & Cummins B/C Series diesel engines.

NEW!



1069 3 PC. CRANK BOLT SOCKET SET
Counter-weighted design for high torque. OAL: 89mm. 1/2" drive.

| No. | Size | Application |
|------|------|--|
| 1064 | 17mm | Honda, Kia |
| 1065 | 19mm | Honda, Acura, Saturn, Toyota |
| 1066 | 21mm | Chevy, Chrysler, Dodge, Ford, GM, Jeep and Mazda |



1067 CRANK BOLT SOCKET - 22MM
Counter-weighted design for high torque applications. Use with 1/2" square drive tools. Services crank bolts on BMW, Dodge, Ford, Toyota, Isuzu, Kia, Nissan, Jeep & Subaru.



1068 CRANK BOLT SOCKET - 27MM
Counter-weighted design for high torque applications. Use with 1/2" square drive tools. Services crank bolts on Benz, Dodge & Nissan.



A812 CRANK BOLT PULLEY TOOL - HONDA/ACURA
Offset 50mm wrench removes & installs crank bolt on most 1990+ Honda & Acura engines. Tool holds harmonic damper pulley from rotating when removing pulley bolt. Use with a 1/2" breaker bar or ratchet.



2237 CRANK BOLT PULLEY TOOL - TOYOTA/LEXUS
Holds crankshaft while tightening crank bolt on Toyota 1999+ 3.0, 3.3, 4.0 V6, 4.7 V8, 1983-1995 4 cyl. 22RE, 1995-2004 4 cyl. 2.4 2RZ, 2.7 3RZ, Lexus 1990+ 3.0 L6, 3.0, 3.3 V6, 4.0, 4.3 & 4.7 V8.

