



**JTC-1005 14 PCS COOLING SYSTEM TESTERS**

- Tests cooling systems for leaks.
- Includes hand pump, and test head in blow-mold case.
- Applicable: Nissan, Mitsubishi, Mazda, Subaru, Toyota, Honda, Ford GM, Chrysler, VW, Audi, Volvo, Saab, Mercedes Benz, BMW, Renault, Fiat, Alfa Romeo, Infiniti, Geo, Suzuki, Isuzu, Lexus, Opel, Peugeot, Jeep, Rover, Citroen, and Truck.



**JTC-1007 MECHANIC STETHOSCOPE**

- Provides fast and straightforward way to locate noises in engines, or bearings and other moving parts.
- Aluminum alloy probe/needle for finding the exact location of specific noises.
- Shockproof.
- Ideal for pinpointing unusual vibrations or suspected leaks (valves, piston ring, gaskets, etc.).



**JTC-1009 DELUXE NOID-LITE SET**

- The most economical way to check electronic fuel injection signals.
- Includes lights to check TBI systems on GM, Ford, and Geo; GM and Bosch PFI systems; and GM's new SCPI (sequential central port injection) system.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1010 STRAIGHT EDGE**

- Dimension 35mm height and 600mm length
- Convenient hanging hole and edge protector.
- Use with feeler gauges to check for distortion in engine blocks, cylinder heads, and flywheels.



**JTC-1021 OIL FILTER SOCKET 14P / 67mm**

- Spec: 14P/67mm
- Applicable: FORD, MITSUBISHI, MAZDA, HYUNDAI, KIA, and SUZUKI



**JTC-1027 HOSE CLAMP PLIERS**

- Fingertip "position lock" to keep hose clamps spread open.
- Convenient for replacement of lower radiator hose.
- Fits on most size clamps.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1101 PROFESSIONAL OIL FILTER SOCKET 89mm / 15P**

- Use with 1/2" Dr. tool.
- Spec: 89mm/15P
- Applicable: ISUZU, MAZDA, and DAIHATSU (Diesel)



**JTC-1113 VACUUM CUP VALVE GRINDER**

- For hand grinding flat head, unslotted valves.
- Synthetic rubber vacuum cups are resistant to oil, grease, gasoline, and are replaceable.
- Cup diameters: 5/8", 13/16", 1-1/8", 1-3/8".



**JTC-1114 OIL FILTER SOCKET 14P / 65mm**

- Spec: 14P/65mm
- Applicable: TOYOTA, NISSAN, and HONDA





**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1117 OIL SCREWS SOCKET SET**

-  : 3/8", 8, 9, 10, 12, 14, 17mm
-  : 8, 10, 11, 12, 13mm
- Use with wrench 17m/m.
- Use to remove the engine oil and transmission oil screws.



**JTC-1151 OIL FILTER LOCKING PLIERS**

- Chrome-vanadium steel made.
- Can be adjusted and fastened for applications at any angle.
- Suitable for installing, removing, and tightening objects of any shape.
- Jaws opening: 2 - 1/8" to 4 - 5/8" (53 - 108mm).



**JTC-1209 UNIVERSAL CAMSHAFT PULLEY HOLDER**

- Adjustable to every belt pulley.
- Each hook can be changed to fit in the bore diameter.
- Serrated hooks to secure the holes of the pulley.
- Adjustable Jaws type.
- Connected 1/2" Dr. wrench in the end of hold pulley.
- Patented.



**JTC AUTO TOOLS USA**

678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-1211 BELT TENSION ADJUSTER**

- Two-cylinder design for easy-to-fix tension pulley, adjustment by 1/4" wrench.
- Applicable: MITSUBISHI model with injection engine.



**JTC-1225 FUEL INJECTION TEST SET**

- 3 - 1/2" gauge with dual readings of 0 - 145 psi and 0 - 1000 kpa. Has a low pressure 2 - 1/2" gauge for an accurate reading below 15 psi.
- All adapters, gauges, and hose assemblies feature a quick coupling system for quick and efficient testing connection.
- Uniquely designed relief valve relieves pressure and allows checking for sufficient fuel flow.
- No need for wrenches or pipe dope.
- Specially designed compact, neatly arranged plastic blow-molded box makes storage easy.
- Complete with instructions manual.



**JTC-1235 OIL FILTER SOCKET 14P / 74mm**

- Spec: 14P/74mm
- Applicable: BENZ, BMW, AUDI, VW, OPEL, HYUNDAI, and KIA.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1236 LEAK-CHECK**

- Spots and locates combustion leaks in cracked or warped heads, leaky gaskets, or cracked block.
- Use Leak-Check in the radiator opening with engine idling. The blue test liquid will turn yellow in 60 seconds if there is a combustion leak, no matter how small. Get exact location of leak by disconnecting one spark plug at a time and retest.
- Completely accurate proof of leak.
- Perfect combination with JTC-1005.
- 250cc fluid container.



**JTC-1238 ONE MAN OPERATION-VALVE SPRING COMPRESSOR KIT**

- Ease of use, operated by one person only.
- Recessed pocket on valve pusher allows replacement retrieval of valve collets.
- Large window on the valve pusher to supply more space to replace the valve collets.
- Complete service tool kit for installation and removal of the valve spring without removing the cylinder head from the engine.
- Valve pusher: 22mm  $\phi$
- Applicable: 12V, 16V, 20V, and 24V engine.
- Patented.



**JTC AUTO TOOLS USA**

678 - 876 - 3470  
2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1243 DEEP VALVE SEAL REMOVER**

- The model is specially designed to fit the deep valve.
- Maximum: 23 $\phi$
- Maximum depth: 217mm
- T-handle with ON-OFF function for stronger grasp of seal.
- Patented.





**JTC-1244 VALVE COLLET INSTALLER & PICK-UP TOOL**

- Holds the valve keepers in its magnetic jaws for better adjustment into the valve stem grooves during installation.
- Easily reaches into recessed pocket to retrieve installed valve keepers.
- Retrieves small parts from any recessed or limited areas.
- Content:
  - 3 pcs valve keeper installing tool
  - Flexible magnetic pick-up tool



**JTC-1245 AUTOMOTIVE VACUUM & PRESSURE TEST KIT**

- Attach many kinds of joints to fit most kinds of vehicles.
- The body has switch to control two kinds of pressure conditions.
- Includes parts of brake bleeder.
- Pressure range:
  - Positive pressure: 0 ~ 60 psi (1 ~ 4 inhg).
  - Negative pressure: 0 ~ -30 psi (0 ~ -1 inhg).



**JTC AUTO TOOLS USA**  
 678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-1251 DELUXE NOID-LITE / IAC TEST KIT**

- Set includes seven noid lights for testing GM PFI, FORD TBI, GEO TBI, BOSCH PFI, GM TBI, GM SCPI, GM MULTEC2, BOSCH 2 and two IAC signal test lights for GM 1982 or newer, GM TBI and PFI., and GM model 1981 or newer GM model 700 TBI and PFI fuel injection system, and one fibre optic noid lite extension.
- Kit comes in a deluxe molded plastic case.





**JTC-1252 VALVE COLLET REMOVER**

- Full length: 160mm
- Designed to remove the valve collet quickly and easily.
- The body is magnetic when hitting the tool to the valve spring.
- Patented.



**JTC-1253 HOSE REMOVER (2 PCS)**

- Special designed to remove hose easily.
- 12 sets / 72 sets / 15.5 kgs / 16.5 kgs / 2.6'



**JTC-1256 ENGINE OIL PRESSURE TESTER**

- Designed to check engine oil pressure in both cars and trucks.
- Easy to read dual scale gauge.
- Complete with 24" (600mm) of oil proof hose with 1/8" NPT.
- Includes 1/4" NPT and 3/8" NPT adapters.
- Dual gauge readings: 0 to 300 psi (0 to 21 bars)
- Gauge diameter: 2.5"



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024





**JTC-1304 VALVE SPRING COMPRESSOR**

- Used for cars and motorcycles.
- Pusher size: 16mm, 19mm, 23mm, 25mm, and 30mm.
- 5 pcs pusher for fitting the valve spring correctly and easier to compress.



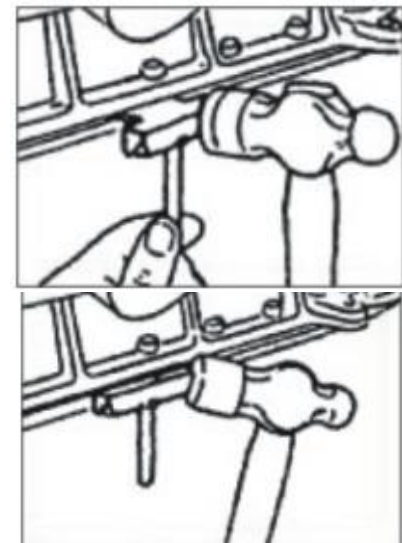
**JTC-1314 UNIVERSAL TWIN / 4 CAM LOCK**

- Special designed to lock twin camshafts timing marks during timing belt replacement.
- Fits onto sprockets and extends to lock into teeth.
- Adjustable arms to fit various diameters and tooth pitch.
- Suitable for locking between cam and diesel injection pump sprockets.
- One-man operation.
- Applicable: Petrol and Diesel engines.



**JTC-1315 OIL PAN SEPARATOR TOOL**

- Wide, tapered, round blade edges between metal surfaces to break gasket seals on engine pumps, transmissions, or any difficult to separate gasket joints.
- Blade width: 1 - 7/8" (48mm)
- Length: 3 - 1/8" (78mm)



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1330 WIND SCREEN WIPER ARM REMOVER TOOL**

- The distinctive design offers easy access in confined spaces and eliminates the risk of damage to the wiper arms.
- Simple and effective tool to remove stubborn wiper arms easily.
- A: 15.5mm
- B: 26mm



**JTC-1341 FLUID LINE CLAMPER SET**

- Special designed to stop fluid flow without damaging the hose.
- Applicable:
  - 13411 - 10mm (3/8")
  - 13412 - 15mm (5/8")
  - 13413 - 25mm (1")
  - 13414 - 45mm (1-3/4")



**JTC-1342 FLUID HOSE CLAMP**

- Completely or partially closes flexible brake, fuel, and vacuum fluid line.
- All steel construction with adjustable locking collar.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1343 HOSE PINCH-OFF TOOL**

- Suitable for both brake and fuel lines.
- Effective pinch action with rounded clamp section to prevent the hose lining from damages.



**JTC-1348 ADJUSTABLE PISTON RING INSTALLER**

- Makes installing piston rings safe and easy without over-expanding the rings.
- Works on most common piston diameter.
- Capacity: 3/64" to 1/4" thickness.



**JTC-1349 PISTON RING GROOVE CLEANING TOOL**

- With three easy-to-set cutter wheels for quick cleaning of grooves.
- Sharp steel cutter removes carbon and vanishes from piston ring grooves.
- Sizes:  
Blade 1: 1/16", 5/64", 3/32", 1/8", 5/32", and 3/16".  
Blade 2: 2, 2.5, 3, 4, 4.5mm and 1/4".  
Blade 3: 1.2, 1.5, 1.8, 2.8, 5, and 5.5mm.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1364 DIESEL ENGINE COMPRESSION TESTER KIT**

- Generally the preferred test method, avoids damage to the injector and fuel system contamination.
- Gauge range: 0 ~ 1000 psi / 0 ~ 70 bar.
- Application: BMW, MERCEDES-BENZ, CARBODIES, MITSUBISHI, CITROEN, NISSAN, DACIA, OPEL, DIAHATSU, PEUGEOT, FIAT, RENAULT, FORD, ROVER, HOLDEN, SEAT, ISUZU, TOYOTA, LAND ROVER, VAUXHALL, LEYLAND / DAF, VOLKSWAGEN, MAZDA, VOLVO, etc.



**JTC-1366 1/2" PENTAGON SOCKETS – 19mm**

- Use with 1/2" drive wrench.
- Size: 19mm
- Applicable for using on Bendix brake system of PEUGEOT, CITROEN.



**JTC-1403 OIL FILTER SOCKET 15P / 79mm**

- Specification: 79mm/15P
- Application: Mitsubishi, Honda, Nissan, Toyota, and Suzuki.
- Use with 1/2" Dr. or 21mm wrench
- 10 / 100 / 21.4 kgs / 22.4 / 3 Cu`ft



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1414 7 PCS COOLING SYSTEM TESTERS**

- To test water tank and density of water tank cover.
- Applicable: Mercedes, GM (Buick), Jeep, Peugeot, Subaru, Chrysler, Acura, GM (Nova, Spectrum, Sprint), Mitsubishi, Nissan, Mazda, Toyota, Infiniti, Geo, Suzuki, Isuzu, Ford, and Honda.



**JTC-1418 FORD / MAZDA TDC TIMING PINS**

- Updated set that covers zetec engines found in Focus, Mondeo and Cougar from 98 on.
- Covers Ford 1.6, 1.8, twin cam 16v petrol engines, and Madaza 121 1.25ltr petrol engine.



**JTC-1422 BRAKE CYLINDER HONE 64mm**

- Range: 3/4" ~ 2 - 1/2" (19 ~ 64mm)
- Stone size: 28.5 x 5 x 2 (3 pcs)
- Collar prevents stone breakage.
- Sleeve makes insertion in cylinder easy and protects stones when not in use.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



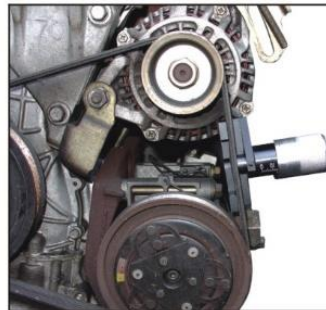
**JTC-1423 ENGINE CYLINDER HONE 178mm**

- Range: 2" ~ 7" (51 ~ 178mm)
- Stone size: 100 x 10 x 8 (3 pcs)
- Collar prevents stone breakage.
- Sleeve makes insertion in cylinder easy and protects stones when not in use.



**JTC-1424 UNIVERSAL TENSIONING GAUGE FOR CAM BELTS**

- Used to adjust the tension on the cam belt where the movement of timing belt is measured by load (Nm).
- Suitable for various cam belt widths.
- Ease of use.
- Clear incremental marking with knurled knob for precise measurement.
- Dual scale allows reading from top or bottom of the tool.



**JTC-1425 7 PCS SENSOR SOCKET SET**

- Special socket for removing oxygen sensor.
- Contents:
  - #1: 1/2" DR. x 29mm x 90mmL (7mm slot)
  - #2: 3/8" DR. x 7/8" x 90mmL (20mm slot)
  - #3: 1/2" DR. x 27mm (12pt) x 82mmL
  - #4: 3/8" DR. x 7/8" x 80mmL (7mm slot)
  - #5: 3/8" DR. x 1-1/16" x 74mmL
  - #6: 1/2" DR. x 22mm x 50mmL (90°)
  - #7: 3/8" DR. x 22mm x 31mmL (90°)



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1426 ELECTRONIC DYNAMIC STEHOSCOPE FOR ENGINE DIAGNOSIS**

- Designed for car maintenance / repair technicians to locate abnormal noises emitting from elements of the vehicle at far higher efficiency and effectively than ever.
- High technologies certainly benefit automotive techs and applied in engine, power wires, and lines.
- Two earphones for the engineer and customer to operate together for getting confidence from the customer.
- Contents:  
 User's guide x 1  
 Earphones x 2  
 Test clamp x 5  
 Test sensor (with magnet) x 1  
 Nylon fastening tapes x 6  
 Main unit control box x 1  
 Outer case x 1  
 Magnetic testing probe x 1



**JTC-1430 OVERHEAD VALVE SPRING COMPRESSOR**

- For use on a wide range of OHV, OHC and CHV engines.
- Not suitable for use on engines with deep seated valves.
- Allows valve springs and valve stem oils seals to be replaced with cylinder head.
- Featured a reversible jaw/adaptor and automatic cam-action locking to a re-determined setting.



**JTC-1448 9 PCS OIL FILTER SOCKET SET**

- Use with 3/8" Dr. or 21mm wrench.
- Size: 27/6P, 32/6P, 36/6P, 76/14P, 75.6/14P, 86/16P, 76/12P, and 93/15P.
- Applicable: ENZ, BMW, VOLVO, VW, FIAT, RENAULT, HONDA, MAZDA, NISSAN, TOYOTA, etc.



**JTC AUTO TOOLS USA**

678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-1449 COMBINATION ELECTRONIC STEHOSCOPE KIT**

- To locate and identify noise, and enable road test diagnosis.
- Super sensitive microphone pick up.
- Defect and isolate noisy components.
- Contents:
  - Flexible non-conductive shaft
  - Cushioned headphones
  - 4 channel sensor selector unit
  - 4 pick up sensors – 4.8mm ling cords



**JTC-1451 TWO WAY OIL FILTER WRENCH (HEAVY DUTY)**

- Heavy duty designed.
- Remove larger filter and diesel ones.
- Use with 1/2" wrench.
- Range (mm): 80 ~ 120mm
- Length of jaw: 40



**JTC-1453 TWO WAY OIL FILTER WRENCH (HEAVY DUTY)**

- Heavy duty designed.
- Remove larger filter and diesel ones.
- Use with 1/2" wrench.
- Range (mm): 106 ~ 160mm
- Length of jaw: 60



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024





**JTC-1501 CHISEL SCRAPER KNIFE**

- Heavy duty blade designed with chisel edge.
- 1 - 1/4" (32mm) wide blade.
- 7 - 1/2" (190mm) OAL.



**JTC-1504 SCRAPER KNIFE (15mm)**

- Edge type: Straight
- Material Stainless steel
- Total length: 180mm
- Edge width: 15mm



**JTC-1505 SCRAPER KNIFE (20mm)**

- Edge type: Straight
- Material Stainless steel
- Total length: 190mm
- Edge width: 20mm



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1506 SCRAPER KNIFE (30mm)**

- Edge type: Curved
- Material Stainless steel
- Total length: 190mm
- Edge width: 30mm



**JTC-1513 TIMING BELT PULLEY HOLDER (HONDA)**

- Break loose the crank shaft pulley/harmonic balancer bolt.
- Designed to properly secure the pulley from rotating during R & R of crank bolt.
- The height of the head has two specifications for suitable different space; one is 30mm and the other is 75mm. The diameter of central hole has 35.



**JTC-1515 OIL FILTER SOCKET 15P / 82mm**

- Use with 1/2" Dr. tool or 21mm wrench.
- Spec: 15P/82mm
- Applicable: HYUNDAI and KIA.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024

**JTC-1520 BASIC EXHAUST BACK PRESSURE SET**

- Enables technician to test exhaust back pressure through oxygen sensor.
- Oxygen sensor adapters includes M12 and M18 threads.
- The special 2 - 1/4" gauge with rubber protector has two multi-colored bands-idles 2500 rpm, with pressure shown in psi and bar.

**JTC-1521 OIL FILTER SOCKET 15P / 74mm**

- Use with 1/2" Dr. tool or 21mm wrench.
- Spec: 15P/74mm
- Applicable: VW and AUDI.

**JTC-1522 OIL FILTER SOCKET 16P / 87mm**

- Use with 1/2" Dr. tool or 21mm wrench.
- Spec: 16P/87mm
- Applicable: VOLVO and BMW.

**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1527 1/2" PENTAGON SOCKETS – 14mm**

- Use with 1/2" drive wrench.
- Size: 14mm
- Applicable: For using on Bendix brake system of FORD, MAZDA.



**JTC-1528 19 PCS DELRIN PLASTIC COOLING SYSTEM TESTERS**

- Test cooling system for leaks.
- Suitable for most cars due to complete accessories.
- Material made of hard and durable Nylon66.



**JTC-1530 VOLVO STRUT NUT SOCKET**

- Used for removing and installing the top shock retaining nut on VOLVO.
- Includes 1 piece of holding socket which has four knurled points, and 1 piece of double-D axle center socket.
- Application: VOLVO models S40, S60, S70, S80, and S90.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1536 COOLING SYSTEM VACUUM PURGE & REFILL KIT**

- To pump radiator and cooling system to vacuum by this tool.
- Use vacuum to fill with new coolant into radiator.
- **Do not** remain air in radiator and cause bad circulation.



Vacuum by air



Fill new radiator liquid



**JTC-1543 4 PCS EURO-TYPE SENSOR SOCKET SET**

- To remove the screw with sensor line.
- Contents:
  - 1/2" DR. X 28mm (12PT X 78L)
  - 1/2" DR. X 27mm (12PT X 78L)
  - 1/2" DR. X 22mm (12PT X 78L)
  - 1/2" DR. X 22mm (6PT X 110L)



**JTC-1548 19 PCS TIMING LOCKING TOOL KIT**

- Enables the correct engine timing to be made when replacing the timing belt.
- Applicable: FORD, MAZDA, OPEL, SAAB, LAND ROVER, CITROEN, PEUGEOT, VW, ISUZU, HONDA, etc.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1601 OIL FILTER WRENCH (90mm)**

- Hardened drop forged CR-V steel tool removes stubborn filters 60m/m up to 90m/m.
- Slip joint design makes adjustment fast and simple.



**JTC-1602 OIL FILTER WRENCH (115mm)**

- Hardened drop forged CR-V steel tool removes stubborn filters 85m/m up to 115m/m.
- Slip joint design makes adjustment fast and simple.



**JTC-1606 OXYGEN SENSOR SOCKET**

- 1/2" Dr. 7/8" (22m/m) x 90mm long, 7mm slot for oxygen sensor on Japanese cars, Ford, GM, Chrysler and other cars.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1607 OXYGEN SENSOR SOCKET**

- 3/8" Dr. 7/8" (22m/m) flare nut socket for vacuum switch & oxygen sensor service on computer controlled engines.



**JTC-1608 SEAL PULLER**

- Removes oil and grease seals.
- Two tips fit most application.



**JTC-1617 SPARK PLUG HOLE THREAD CHASER – DOUBLE SIDE**

- Use to clean threads in spark plug.
- Size: M14 X 1.25 / M18 X 1.5
- Drive size: 21mm



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1618 SPARK PLUG HOLE THREAD CHASER**

- Use to clean threads in spark plug.
- Size: M14 X 1.25
- Drive size: 3/8" DR./16mm



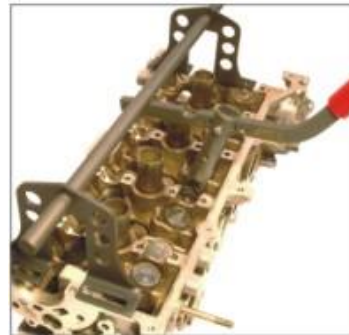
**JTC-1620 VALVE SPRING COMPRESSOR KIT**

- Complete service tool kit for installation and remove of the valve spring without removing the cylinder head from the engine.
- Applicable for OHV and OHC petrol or diesel engines on Audi, Nissan, Toyota, Chrysler, Honda, Mazda, Mitsubishi, Porsche, Volvo, VW, etc.



**JTC-1622 PROFESSIONAL VACUUM & FUEL TESTER**

- Large 3 - 1/2" diameter gauge with color-coded easy-reading scales.
- Extra-long, heavy-duty rubber hose and 14mm / 18mm manifold adapter.
- Checks for worn or defective parts in fuel pumps, vacuum system.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024





**JTC-1711 VALVE SPRING COMPRESSOR**

- Reversible jaw adaptor for multi-valve engines.
- Capacity 45 - 145mm, throated clearance 250mm big window jaw adaptor for easy replacement of valve collects.
- Dual size in 25mm and 30mm diameter.



**JTC-1716 VALVE STEM SEAL PLIERS**

- Designed to reach into confined areas for removal of valve seal.
- Serrated tip for better grasp of valve seal regardless of its configuration.
- Length: 255mm



**JTC-1717 VALVE SEAL REMOVER & INSTALLER KIT**

- For removing and installation of valve seal.
- Precision-machined, seal-driving adapters for proper setting of valve seal.
- Set contains:
  - 1-Valve stem seal pliers. (JTC-1716)
  - 1-Drive handle 6" (150mm) long.
  - 2-Deep seal driving sockets for seals O.D. 10.8 - 14.8mm
  - 7-Seal driving adapters fit seals 5, 5.5, 6, 6.6, 7, 8 and 3/8".



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1721 CLUTCH SPRING COMPRESSOR (4 LEGS)**

- Adjustable legs fit most cars and trucks for replacement of transmission rear clutch piston snap ring.
- Special design to assemble and reassemble the clutch snap ring easier.
- Capacity: Clutch diameter from 64mm to 175mm.
- Patent.



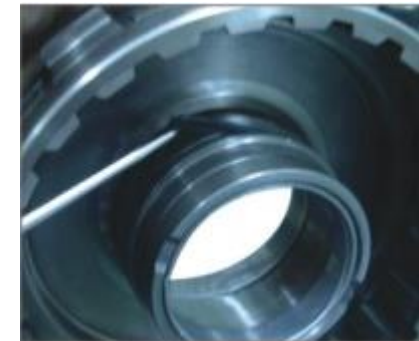
**JTC-1723 CAMSHAFT ALIGNMENT TOOL – FORD**

- For holding camshaft in place.
- Applicable: Ford Mondeo, FOCUS.



**JTC-1730 5 PCS HOOK & PICK SET**

- Stainless steel points.
- Set contains awl, hook tool, 45° and 90° bent tool.
- Used for detail works and scribing, picking jobs.



**JTC AUTO TOOLS USA**

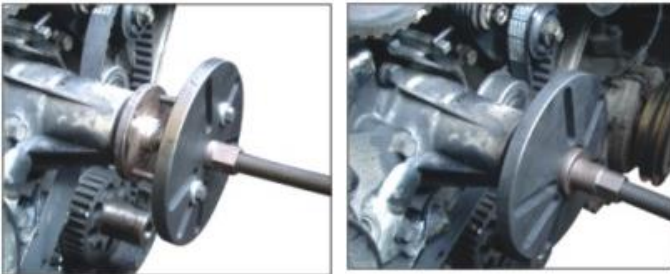
678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1732 BALANCER PULLER & INSTALLER**

- A professional tool set for balancer replacement.
- Built-in bearing makes balancer replacing job easy and damage-free.
- 4-slot puller plate plus 9 threaded adapters fit to balancers on most engines.



**JTC-1734 PISTON RING COMPRESSOR 3" x 125mm**

- Self-locking ratchet pawl prevents premature release and allows positive locking action.
- 3" height, capacity 2 - 1/8" to 5" (53 - 125mm)



**JTC-1735 PISTON RING COMPRESSOR 3" x 175mm**

- Self-locking ratchet pawl prevents premature release and allows positive locking action.
- 3" height, capacity 3 - 1/2" to 7" (90 -175mm)



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1736 PISTON RING COMPRESSOR 4" x 175mm**

- Self-locking ratchet pawl prevents premature release and allows positive locking action.
- 4" height, capacity 3 - 1/2" to 7" (90 -175mm)



**JTC-1737 PISTON RING COMPRESSOR 6" x 175mm**

- Self-locking ratchet pawl prevents premature release and allows positive locking action.
- 6" height, capacity 3 - 1/2" to 7" (90 - 175mm)



**JTC-1803 POWER STEERING PUMP PULLEY KIT**

- Thompson & Ford C111, C2 power steering pumps found on Ford, GM and Chrysler vehicles.
- A disconnect tool to release the power steering line from pump on 1989 - current GM pickups 1/2T, 3/4T and 1T.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1812 UNIVERSAL HOSE CLAMP REMOVER**

- For removing the hose clamp on fuel, oil, and water hose.
- Convenient for working hidden areas and long distances.
- Patented.



**JTC-1814 TORQUE ANGLE GAUGE**

- Calling for fasteners to be tightened after torque load in torque-angle applications.
- 360 degree scale clearly marked in 2 degree increments and in intervals of 10 and 30.
- Easily zero the gauge by turning the housing for next application.



**JTC-1820 AUTOMOTIVE VACUUM TEST KIT**

- Kit includes:
  - Repairable Metal Vacuum Pump
  - Reservoir Jar
  - Transfer Lid
  - Storage Lid
  - 4 lengths of 1/4" ID Tubing
  - 1 length of 5/32" ID Tubing
  - Automotive Adapter Package
  - Brake Bleeding
  - Adapter Package
  - Rubber Cup Adapter
  - Fitted Carrying Case



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1829 CAMSHAFT / CRANKSHAFT ALIGNMENT TOOL**

- For alignment of the cam and crankshafts.
- Enables correct installation of the camshaft with the cam cover.
- Used for the alignment of the camshafts and crankshafts on in-line 4, 5 and 6 CYLINDER. Twin cam motors through 2006.
- May be used to align camshafts with the cam cover.
- Applicable: VOLVO models 850, 960, S40, S70 and S90.
- Engines: B6254GS, B6294T, B5234T4, B6294S2, B5244S62, B5234FS, B4184S2, B5254FSM44, B4204T2, B5244S4, B5254T, B5234T9, 4T3 (US).
- (CDN): B6304S3, B5204T4, B5244S5, B5204T3, B5204FS, 252FS, B5254FS, M4.3, B4194T, B6294S, B5244T4, B6254FS, B4184S, 2346T6, B5234T2, B6304FS2, GB5252S, B4204S2, B4204T, B5244S2, B5204TS, B5244T7, B4188S9, B4204T4, B6284T, B5234T5, B6304FS, B4204T3, B5244SG2, B6244FS, B4184SJ, B204T2 CVVT, B5244T7, B6304GS, B5254T4, B4184S3, B5234T3, B5244T2, B5244T5, B5254T2, 4184S10, B4194T2, B5254T3, B5254S DENSO, B4164S, B5254FS LH3.2, 44SG, B5244T, B4204T5, B5202FS, and B4164S27D4192T2.



**JTC-1830 UNIVERSAL PULLEY HOLDER**

- Great time-saver, this unique tool is designed to trap and hold bolt-on pulleys by the mounting bolts on most applications.



**JTC AUTO TOOLS USA**  
 678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-1831 UNIVERSAL CAMSHAFT PULLEY HOLDER**

- Used on Toyotas, Nissans, and other OHC engines.
- Designed with grooved pins which hold the camshaft pulley stationary while loosening and tightening the center shaft bolt.
- While useful on most Asian overhead cam engines, it is most needed on transverse mounted V6 engines such as the VG30 used in Nissan Maxima, as well as, the 3VZFE and 1MZFE engines used in Toyotas Camrys.





**JTC-1841 CLUTCH SPRING COMPRESSOR**

- For removing and installing the transmission rear clutch piston snap ring.
- Adjustable for most models of American cars and light trucks.



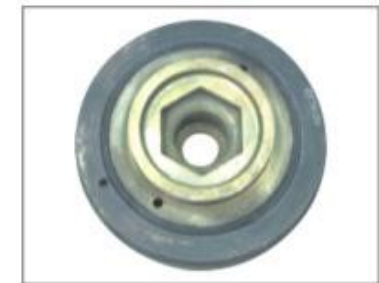
**JTC-1901 PULLEY REMOVING WRENCH**

- Ideal for removing, assembling, and the type of grooved pulley for V-type belt.
- Ideal for alternator and pump pulleys, but also essential for electric motors of compressors, washing machines, tool machines, etc.
- Suitable for rotating the camshaft when timing the engine, and to remove oil and gasoline filters.



**JTC-1902 HONDA HARMONIC DAMPER PULLEY PULLER / HOLDER**

- Break loose the crank shaft pulley / harmonic balancer bolt.
- Designed to properly secure the pulley from rotating during R&R of crank bolt.
- The 50mm hex armature slips past the lightest of spaces and slides right into the center slot on the pulley. Then slide the long bar onto the receiving end of the armature and lock it into position with the securing bolt.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1903 3/8" × 14mm FLARE NUT WRENCH**

- Used for TOYOTA, HONDA bolts of fuel filter cup.
- Full length 93mm, suited for narrow places.
- Special design with cover for holding the nut completely and prevent slipping.



**JTC-1921 MECHANIC STETHOSCOPE**

- Locates source of engine noises quickly.
- Listen for trouble by tracing sound of flowing water, oil, gas or steam.
- Handle is shockproof.



**JTC-1935 HOSE REMOVER PLIERS**

- For easy removal of 5/32" to 1/2" vacuum and fuel hoses.
- Fit the jaws on the tube with black jaw on the tube and silver jaw on the hose.
- Squeeze to push the hose off the tube.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024





**JTC-1936 1/2" x M9 CYLINDER HEAD BOLT TOOL**

- The 100mm length allows easy access to recessed head bolts.
- Comes with 1/2" drive for use with a torque wrench.
- Used for TOYOTA Tercel cylinder head bolt.



**JTC-1937 VALVE ADJUSTING TOOLS**

- Used for VOLVO, OPEL, and European cars.
- For overhead camshaft engines.



**JTC-1942 TWO WAY OIL FILTER WRENCH**

- Removes all oil filters from 2 - 1/2" to 4" in diameter.
- Use with 1/2" square drive tool.
- Size range: 2 - 1/2" - 4" (63 - 102mm)



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1945 OIL FILTER WRENCH – 60mm**

- Professional oil filter wrench with unique “Swivel-Handle” design which allows adjustable band to rotate 180 degrees, and to reach tight areas.
- Full range of sizes of fit sub-compact to truck filters.
- Parts are heat-treated for strength and durability and all wrenches feature vinyl grips.
- Spec: 2 - 3/8" ~ 2 - 7/8" (60mm - 73mm)



**JTC-1946 OIL FILTER WRENCH – 73mm**

- Professional oil filter wrench with unique “Swivel-Handle” design which allows adjustable band to rotate 180 degrees, and to reach tight areas.
- Full range of sizes of fit sub-compact to truck filters.
- Parts are heat-treated for strength and durability and all wrenches feature vinyl grips.
- Spec: 2 - 7/8" ~ 3 - 3/8" (73mm - 85mm)



**JTC-1953 CHRYSLER CRANKSHAFT PULLEY REMOVER**

- This tool was developed to aid in the removal of the harmonic damper pulleys found on the many Chrysler Corporation engines.
- This pulley is hard to access and remove due to space limitations in and around the engine compartment.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-2110 UNIVERSAL CLUTCH ALIGNMENT SET**

- This tool makes the alignment and assembly of clutch.
- Specially designed for vehicles equipped with late-model front wheel drives without pilot bearing in flywheel.
- Size:
  - Small cone: range 14.4 ~ 21mm
  - Large cone: range 20.9 ~ 29mm



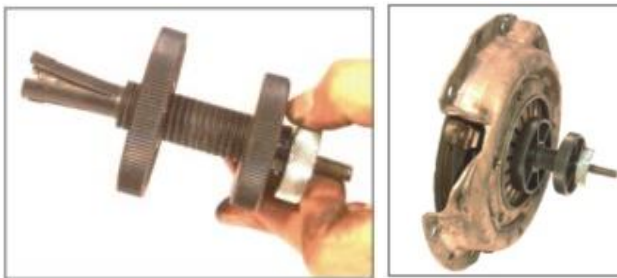
**JTC-2120 CLUTCH ALIGNER SET**

- Align single disc clutches on most vehicles, light truck & tractors.
- Properly aligns clutch plate by tapered cone fitting into pilot bushing or bearing.
- Size: 8 collects ranging from 10.95 ~ 24.9mm.



**JTC-4002 VOLVO CAMSHAFT ALIGNMENT TOOL (T6)**

- Special designed to align the engine camshaft and crankshaft position, and correct into the side cover.
- Applicable: VOLVO S80, XC90, XC60, XC70 3.0T, 3.2 (T6 Engine) since 2007.



**JTC AUTO TOOLS USA**

678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-4003 BALL JOINT SEPARATOR**

- With 2 thread protective covers to prevent getting hurt of threads.
- Thread insert: M14 x 1.5 , M14 x 2.0
- Jaws open: 30mm
- Applicable: VOLVO models.



**JTC-4007 HEAVY DUTY PISTON RING INSTALLER**

- Save by reducing ring breakage.
- Tapered jaws to remove and install most passenger car and light truck rings.
- Capacity: 3 - 1/4" ~ 5 - 5/16 "(83 ~ 135mm)



**JTC-4013 TOYOTA, LEXUS CRANKSHAFT PULLEY HOLDER**

- Designed to hold the crankshaft pulley while loosening or tightening the centre screw.
- To tighten crankshaft pulley by 2 screws (M8 x 1.25).
- Extend operation needs 1/2" DR. wrench.
- Applicable: TOYOTA, LEXUS



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



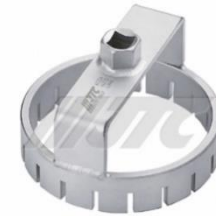
**JTC-4022 VOLVO CYLINDER COVER REMOVAL PLIER**

- Special designed tool to pry the cover via the front part of salient.
- Applicable: VOLVO



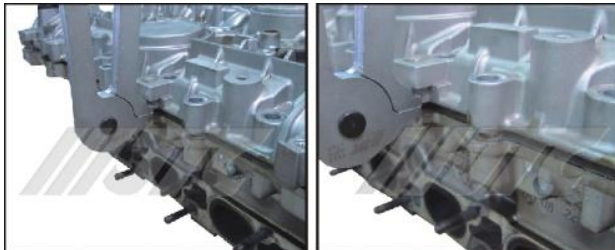
**JTC-4023 VOLVO DIESEL OIL FILTER WRENCH – D5**

- Special designed to remove and install oil filter on D5 engine.
- 3/8" DR. x 6 points
- Applicable : XC90, XC70, XC60, S80 diesel engine



**JTC-4024 VOLVO FUEL TANK LID TOOL – XC90**

- Special designed to remove and install the fuel tank lid on VOLVO XC90 diesel or petrol engine.
- 1/2" DR. x 18 points, 106mm
- Applicable : VOLVO - XC90



**JTC AUTO TOOLS USA**

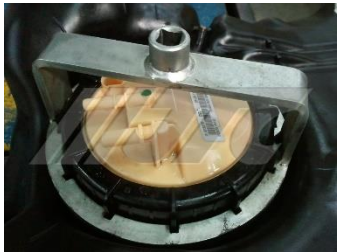
678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4025 VOLVO FUEL TANK LID TOOL**

- Special designed tool to remove and install the fuel tank lid on VOLVO diesel or petrol engine.
- 1/2" DR. x 12 points 155mm
- Applicable : VOLVO - XC60, XC70, S40, S80, V50



**JTC-4026 CAMSHAFT PULLEY HOLDER (SUBARU)**

- Used for fixing timing belt.
- Easy to remove or install.
- Special internal two-curve designed for holding the pulley.
- Applicable : SUBARU EJ25



**JTC-4030 PORSCHE CAMSHAFT TIMING TOOL SET**

- This comprehensive set of tools enables to correct engine timing to be made when replacing the timing belt.
- Applicable : M97/01 engine; PORSCHE Cayenne



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



#### JTC-4031 PORSCHE CAMSHAFT TIMING TOOL SET

- This comprehensive set of tools enables to correct engine timing to be made when replacing the timing belt.
- Applicable: PORSCHE cayenne 3.6, 4.5L, and 4.8L AUDI Q7



#### JTC-4040 EXTRA LONG OXYGEN SENSOR SOCKET

- For removing and install lambda sensors with a deep-seated hexagon.
- Particularly suitable for the MERCEDES-BENZ C/E, 602, 605, 606 VW/ AUDI/ SKODA/ SEAT, BMW, FORD, OPEL, ROVER, VOLVO.
- MATERIAL : CR-MO STEEL
- 1/2" DR. length : 150mmL
- Size : 22mm x 6PT x 150L



#### JTC-4044 KIA / HYUNDAI INJECTOR REMOVER KIT

- Removes injector for most KOREAN vehicles.
- Applicable vehicle : KIA : CARNIVAL, RIO, CAREENS, CERATO, OPTIMA, PICANTO, SORENTO, SPORTAGE, GRAND CARNIVAL.
- Corresponding vehicle : HYUNDAI : STAREX, LAVITA, MATRIX, TRAJET, TERRACN, SANTA FE (SM), LIBERO, AVANTE XD, GRANDEUR XD GETZ, TUCSON, NF SONATA, 06 ' ACCENT.



#### JTC AUTO TOOLS USA

678 - 876 - 3470  
2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4050 DIESEL INJECTOR & SEAT CUTTER SET (9 PCS)**

- Re-face the diesel injector seat for the new or reconditioned injector to be fitted correctly.
- Clean and re-cutting of injectors and injector seat.
- Avoid a serious risk of “blow-by” occurring cause of the build-up of carbon deposits and the effects of corrosion.
- Application for all modern common rail diesel engines.



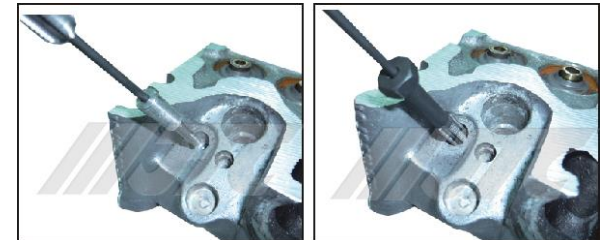
**JTC-4052 7 PCS GLOW PLUG PULLER SET**

- Designed to pull out the broken head glow plug on the engine.
- 5 pcs outside holder jaw size :  $\phi 2.7 \times 1$ ,  $\phi 3.6 \times 1$ ,  $\phi 5 \times 2$ ,  $\phi 6 \times 1$
- 1 pc inside holder jaw size :  $\phi 5.5$



**JTC-4053 33 PCS GLOW PLUG THREAD REPAIR SET**

- Designed to repair the glow plug threads.
- Tap size: M8 x 1.0, M10 x 1.0, M10 x 1.25, M12 x 1.0, M12 x 1.25, M14 x 1.25.
- Thread coil size:
  - M8 x1.0 (I) - M10 x1.0 (E)
  - M10 x1.0 (I) - M12 x1.0 (E)
  - M10 x1.25 (I) - M12 x1.25 (E)
  - M12 x1.25(I) - M14 x1.25 (E)
- 2-thread coil driver.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

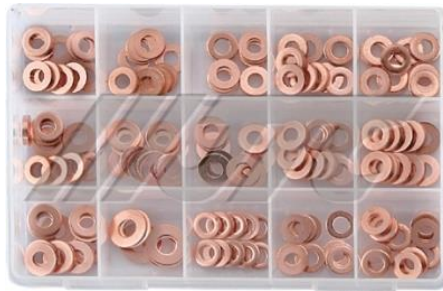
2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024





**JTC-4054 GLOW PLUG DRILLING SET**

- Special designed for easy extracting the damaged or sized glow plugs on many modern diesel engines.
- Without removing cylinder head, and avoid damaging the cylinder head casting.
- Applicable: Benz CDi diesel engine, etc.



**JTC-4061 ASSORTMENT OF INJECTOR COPPER GASKETS**

- Universal copper gaskets with 15 distinct size combinations are suitable for most of popular nozzle of injector system.
- Size : 13.85 x 7.3 x 1.4, 14.6 x 7.5 x 1.3, 14.6 x 7.5 x 3, 15 x 7 x 2, 15 x 7 x 1, 15 x 7.5 x 1.5, 15 x 7.5 x 2, 15 x 7.5 x 2.5, 15 x 7.5 x 3, 15.5 x 7.5 x 2, 16 x 7.5 x 1.5, 16 x 7.5 x 1.7, 16 x 7.5 x 2, 16.4 x 7.4 x 2, and 20 x 9.4 x 0.9
- Total: 150 pcs, 10 pcs for each size.



**JTC-4062 6 PCS SEAL & HOSE REMOVER KIT**

- Universal copper gaskets with 15 distinct size combinations are suitable for most of popular nozzle of injector system.
- Size : 13.85 x 7.3 x 1.4, 14.6 x 7.5 x 1.3, 14.6 x 7.5 x 3, 15 x 7 x 2, 15 x 7.5 x 1, 15 x 7.5 x 1.5, 15 x 7.5 x 2, 15 x 7.5 x 2.5, 15 x 17.5 x 3, 15.5 x 7.5 x 2, 16 x 7.5 x 1.5, 16 x 7.5 x 1.7, 16 x 7.5 x 2, 16.4 x 7.4 x 2, and 20 x 9.4 x 0.9
- Total: 150 pcs, 10 pcs for each size.



**JTC AUTO TOOLS USA**  
 678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-4077 COMBINATION GASOLINE COMPRESSION TESTER**

- Air gauge with quick coupling and release valve.
- High tension connecting pipe with safety lock coupling.
- Two pipes with rubber plug for crankshaft type and transverse axis type.
- With 4 sizes adapter M10 x 1.0, M12 x 1.25, M14 x 1.25, and M18 x 1.5 for all model cars.



**JTC-4078 OIL PAN SEPARATOR & CLEAN KIT**

- Breaks gasket seals on engine pumps, transmissions, or any difficult to separate gasket joints.
- The copper blade can avoid damage on gasket or oil pan connection joint surface.
- Clean up wheel tool helps to clean all small spaces on cylinder head.



**JTC-4084 3 PCS BELT INSTALLING TOOL SET**

- Special designed set of tools for installing the new belt onto the pulley.
- Applicable: Ford, MAZDA, VOLVO, BMW, Chrysler, Citroen, Fiat, Lancia etc.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4085 CAMSHAFT PULLEY LOCKING TOOL**

- Special designed for columns to fix the camshaft pulley.
- Attached with another extra-long column for wider camshaft pulley.
- Applicable for most models of vehicle.



**JTC-4090 FORD / MAZDA TIMING TOOLS SET (5 PCS)**

- The plate is used to fix camshaft.
- The 3 bolts are designed to fix crankshaft.
- Applicable: FORD / MAZDA petrol and diesel engines.



**JTC-4092 FUEL PEDAL FIXING TOOL**

- Special designed with speedy adjustable function and micro-adjusting.
- Capacity: 600 ~ 1100 mm



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4099 ROVER CAMSHAFT ALIGNMENT TOOL (KV6)**

- Timing belt replacement for all variants of the Rover KV6 engine (except 190) in Rover.
- Applicable:
  - Rover: 45, 75, 160, 180, 190, 825
  - MG: ZS, ZR, ZT/ ZT-T
  - Land Rover: Freelander 2.5
- Engine: 2.0 V6 and 2.5 V6 (1999 - 2005)



**JTC-4103 OIL FILTER SOCKET 76mm / 30P**

- Use with 1/2" Dr. tool or 21mm wrench.
- Spec: 30P/76mm
- Applicable: LAND-ROVER and JAGUAR



**JTC-4104 OIL FILTER SOCKET 92mm / 15P**

- Use with 1/2" Dr. tool or 21mm wrench.
- Spec: 15P/92mm
- Applicable: LAND-ROVER, JAGUAR, GM, OPEL, PORSCHE, and FORD



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4128 JAGUAR, LAND ROVER TIMING TOOL SET (V8)**

- To align the camshaft and crankshaft timing position.
- Includes auxiliary wrench of camshaft and crankshaft.
- Applicable: New Range Rover, Range Rover Sport, Discovery 3; JAGUAR- XJ8, XJR, S-type, XF, XK8, XKR.
- Engine:
  - LAND ROVER 4.0, 4.2 V8 petrol engine.
  - JAGUAR 3.2, 3.5, 4.0, 4.2 V8 petrol engine.



**JTC-4129 JAGUAR, LAND ROVER CRANKSHAFT PULLEY REMOVER**

- Special designed for pulley removal and holding tool.
- Applicable: New Range Rover, Range Rover Sport, discovery 3; JAGUAR- XJ8, XJR, S-type, XF, XK8, XKR.



**JTC-4136 DIESEL FUEL SYSTEM VENTING TOOL**

- Essential for reintroduction of fuel into fuel pump following maintenance such as fitting a new diesel filter or following drainage of fuel tank.
- Must be used whenever fuel system in disturbed.
- Coupler size: 9.89mm
- JTC-4136S will be the complete set with all 4 size couplers.
- Applicable: Most diesel engines.
- Optional couplers: 7.89mm, 9.49mm, 11.8mm

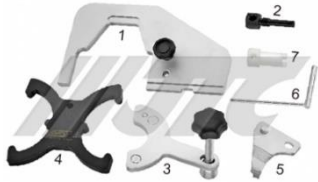
7.89mm		
9.49mm		
11.8mm		

**Optional couplers**



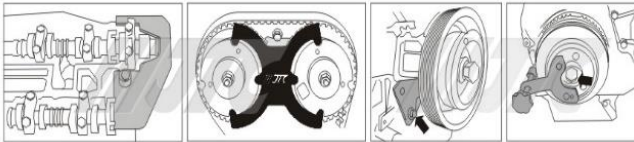
**JTC AUTO TOOLS USA**

678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



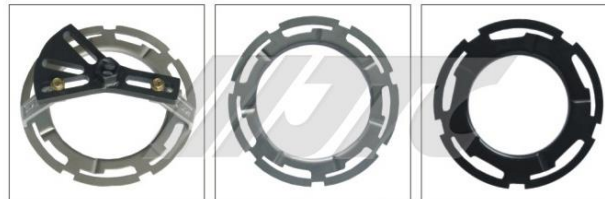
**JTC-4153 VOLVO TIMING TOOLS SET (T4, T5)**

- To adjust and fix angle of camshaft and crankshaft.
- Applicable: VOLVO V4 1.6L, 2.0L; T4, T5 engine.



**JTC-4159 ADJUSTABLE FUEL TANK LID REMOVER**

- Jaw adjustable range : 148 ~ 199mm.
- Special designed for removing the holes type fuel tank lid.
- Patented designed to use for symmetrical holes type, and 5 or 7 holes type fuel tank lid.
- Use with 1/2 " DR. or 21mm wrench.
- Applicable: NISSAN, BMW, BENZ, VW, AUDI, etc.
- Patented.



7 HOLES TYPE 5 HOLES TYPE



**JTC-4166 TWIN – CLUTCH TRANSMISSION REMOVER TOOL**

- To remove and install twin-clutch transmission.
- Special designed to fix, turn, and take out the twin-clutch.
- Applicable: VOLVO, FORD Transmission
- Manufactory code: 9997435



**JTC AUTO TOOLS USA**

678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-4167 VOLVO CRANKSHAFT PULLEY HOLDING TOOL**

- Special designed to fix crankshaft pulley when releasing / tightening central bolt.
- Applicable: VOLVO 5V, 6V engine.



**JTC-4168 VOLVO IDLER ADJUSTING WRENCH**

- Special designed to adjust the tension idler.
- Size: T50 / T60.
- Applicable: S80, S70, S60, S40, XC90, XC70, V70, V50, V40, C70, C30



**JTC-4170 PORSCHE TIMING TOOL SET (997)**

- Special designed to align the engine timing on PORSCHE.
- Applicable: PORSCHE 997 series.



**JTC AUTO TOOLS USA**

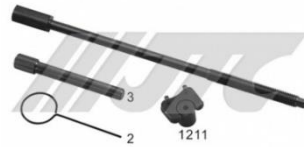
678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



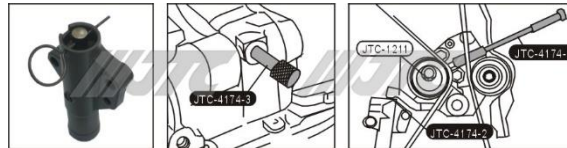
**JTC-4173 GM TIMING TOOL SET (2.0 SOHC)**

- Special designed to align the engine timing on GM vehicles.
- Applicable: GM Antara, Chevrolet Captiva, Cruze, Epica and Lacetti.
- Engine Codes : Z20DM, Z20DMH, LLWZ20DMH, RA420, Z20S1, Z20S3, Z20S4, Z20S5



**JTC-4174 HYUNDAI, MITSUBISHI TIMING TOOL SET**

- Special designed to align the engine timing for petrol engine.
- Applicable: Hyundai 1.6 / 1.8/ 2.0 / 2.4 Twin Cams; Mitsubishi 1.8 to 3.5 16v. / V6 (Belt)



©FOR MITSUBISHI MODELS:

Models:		Engines:	
Colt(89-95)	Space Runner(99-04)	1.8 1.6v/Gdi	2.5 V6
Lancer(89-95)	Space Wagon(92-05)	4G67, 4G93	6G73, 6A13
Carisma(96-05)	Outlander(03-07)	2.0/16v/V6/Gdi	3.0 V6
Galant(93-03)	Shogun/Pajero/Prinni	4G63, 4G94, 6A12	6G72
Sigma(91-96)	Monter(94-07)	2.4/Gdi	
Eclipse(91-95)	Challenger(98-00)	4G64, 4G69	
300DGT(93-00)	Grandis(04-09)	3.5/GDi V6	
Space Star(99-06)	L200/Triton(97-06)	6G74	

©FOR HYUNDAI MODELS:

Models:		Engines:	
Lantra (91-96)		G4-N / G4CP / 4JP	
Sonata (93-01)		G4-P / G4-R / G4JS	
Trajjet (00-05)			
Santa-Fe (01-06)			

Item	Description	OEM Code
A	Tensioning Wrench	09244-28000
B	Tensioning Bolt	09244-28000
C	Shogun/Pajero/Prinni	4G63, 4G94, 6A12
D	Monter(94-07)	2.4/Gdi



**JTC-4175 HONDA, ROVER TIMING TOOL SET**

- Special designed to align the engine timing for petrol engine.
- Applicable : HONDA twin camshaft engines Civic 1.6, Accord 1.8 / 2.0 / 2.2, Shuttle 2.2 / 2.3; ROVER B, D, F, and H Series engines, 216GTi / 416GTi / 618 / 620 / 623

©FOR HONDA MODELS:

Clivic 1.6Vti/VTEC, Integra Type R	(90-01) B16A/B18C6 TWIN CAM
Accord 1.8/2.0/2.2, Prelude 2.0	(90-96) F18A/F20A/F22A
Accord 1.8/2.0/2.2VTEC, Accord Coupe 2.0/2.2	(93)F18A3/F18B2/F20B3/F20B6 F20Z1/F20Z2/F20Z3/F22B5/F22B6 F22Z2
Accord Aerodeck 2.0/2.2	(87-92) B20A5/B20A7 TWIN CAM
Accord 2.0 16v., Prelude 2.0 16v.	(97-) F20A4, F20B5
Accord Coupe 2.0, Prelude 2.0	(92-96) H23A2/H23A3 TWIN CAM
Accord 2.3l, Prelude 2.3l	H22A2/H22A5/H22A7 TWIN CAM
Accord Type R, Prelude 2.2VTEC(93-)	(95-01) F22B8/F23A7
Shuttle 2.2i/2.3l	

©ROVER MODELS:

216GTi, 416GTi	(-95) D16A8/D16A9 TWIN CAM
618,620,623	(93-99) F18A3/F20Z1/H23A3



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024





**JTC-4176 FORD, FIAT, SUZUKI, GM TIMING TOOL SET**

- Special designed to align the engine timing.
- Applicable: FORD: KA 1.3TDCi;  
FIAT: Punto, Panda, Idea, Dublo 1.3JTD;  
SUZUKI: Ingis, Wagon, Swift 1.3 CDTi;  
VAUXHALL/OPEL: Agila, Corsa, Combo, Astra, Tigre, Meriva 1.3CDTi

**JTC-4184 CAMSHAFT SPROCKET HOLDER (SUBARU)**

- Specially designed to hold the camshaft sprockets on 2005 and newer Subaru models with the 2.5L turbo and the 3.6L 6 cylinder engines.
- Some 2.5L turbo engines might be required using JTC-4821 as well.
- Total length of the tool: 475mm.
- Genuine No.: 499977500.
- Applicable: SUBARU 2.5L turbo, 3.6L V6 engine.

**JTC-4186 GM, OPEL ENGINE TIMING TOOL KIT**

- Engine timing kit for GM belt driven engine 16v 1.6 and 1.8 Z and A engine codes found in Vauxhalls, Chevrolet's, Fiats and Alfa Romeo's 2003 - 2012.
- Applicable: OPEL: Astra, Corsa, Insignia, Mervia, Signum, Vectra, Zafira;  
Chevrolet: Cruze, Orlando 1.4, 1.6, 1.8; Fiat: Croma 1.8 16v;  
Alfa Romeo: 159 with 939A4.000 engines

Mark	Model	Type	Engine Code	Year
Ford	KA	1.3 TDCi		
Fiat	Punto	1.3 JTD Multi-Jet	188A9.000	2003-2007
	Panda	1.3 JTD Multi	169A .000   188A8.000	2003-2009
	Idea	1.3 JTD Multi	199A3.000   188A9.0 0	2004-2006
	Doblo	1.3 JTD Multi	188A9.000	200 -2006
Suzuki	Ingis	1.3 CDTi	Z13DT	2003-2009
	Wagon	1.3 CDTi	Z13DT	2003-2009
	Swift	1.3 CDTi	Z13DT	2003-2010
Vauxhall/Opel	Agila	1.3 CDTi	Z13DT	2003-2008
	Corsa-C	1.3 CDTi	Z13DT	2003-2007
	Combo-C	1.3 CDTi	Z13DT	2003-2009
	Corsa-D	1.3 CDTi	Z13DTH   Z13DTJ	2006-2009
	Astra-H	1.3 CDTi	Z13DTH	2004-2009
	Tigre-B	1.3 CDTi	Z13DT	2004-2009
Meriva	1.3 CDTi	Z13DT   Z13DTJ	2004-2009	



**JTC AUTO TOOLS USA**  
678 - 876 - 3470  
2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4194 S-TYPE OIL SCREW WRENCH (8 / 10)**

- SIZE : Square type 8/10mm
- Special designed for removing the oil and transmission screws.



**JTC-4201 LAND ROVER FAN CLUTCH TOOL SET**

- Length: 650mm
- Replace fan clutch assembly on Land Rover vehicles.
- Extra-long and thin designed for easier work in narrow spaces.



**JTC-4205 4 PCS LINE STOPPER KIT**

- Use to plug steel lines once disconnected.
- Prevents fluid leaks and contamination during service.
- Use with any automotive fluid.
- Spring loaded design installs in seconds.
- Specifications: Banjo, 3/8", 5/16", 1/2"



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



#### JTC-4206 72 PCS VACUUM HOSE PLUG & CAP KIT

- Commonly, used for repairing the engine or the carburetor.
- Used for plugging any hoses or fuel lines.
- Contains four sizes, each size has 9 assorted colors, each color has 2 pcs.
- Capacity: 3mm, 4mm, 6mm, 8mm, 9mm, 11mm, and 12mm.



#### JTC-4208 CYLINDER LEAKAGE TESTER SET

- Input pressure gauge displays input air pressure for proper cylinder leakage test set up and accurate results.
- Pressure gauge range is 0 - 100 psi (0 - 700 kPa) in 2 psi (20 kPa) increments.
- Cylinder leakage gauge displays leakage as a percentage of input pressure with 3 distinctive zones of high, moderate, and low.
- With a M14 and M18 adapters assembled on a 26" hose.



#### JTC-4211 SUBARU CAMSHAFT FIXING TOOL

- Special designed to fix the camshaft position.
- Applicable:
  - 2002+ IMPREZA WRX (including STi) with 2.0L or 2.5L DOHC Turbo engines (EJ205, EJ507, EJ255, EJ257)
  - 2004 ~ 11 Forester XT with DOHC Turbo engines
  - 2005 ~ 10 Legacy GT with DOHC Turbo engines
  - 2005 ~ 06 Saab 9-2X Aero with DOHC Turbo engines
  - 2004 ~ 06 Baja with DOHC Turbo engines



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4212 TOYOTA, LEXUS HOSE CLAMP INSTALLER AND REMOVER**

- Special designed to install and remove the special hose clamp on TOYOTA, and LEXUS water hose clamp.
- Two screws design, one for releasing the clamp, the other one for fixing the clamp on max.
- Patented.
- Applicable : TOYOTA, LEXUS.



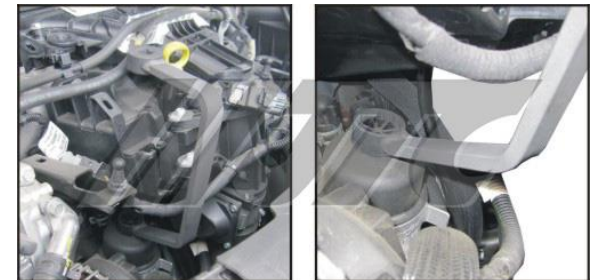
**JTC-4215 VOLVO FRONT SPRING COMPRESSOR**

- Used for fixing the front suspension when replacing the hub, ball joint or bush, to prevent the rebound from the spring.
- Applicable : VOLVO : S60(01~10), S80(99~06), V70(00~07), XC70(02~07), XC60(09~), XC90(03~).
- VM Number: 9997256.



**JTC-4223 FORD OIL FILTER WRENCH (TDCI)**

- SIZE: 1/2"DR x 27mm, 12PT
- Special angle designed to keep away from the parts for easier to remove the filter.
- Applicable: FORD 2.0, 2.2L diesel engine TDCI / HDI on Focus, Mondeo, S Max, Galaxy, Euro 6 compliant engines from 2010 onwards.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4226 UNIVERSAL INJECTOR REMOVER**

- Special designed for removing the injector of petrol and diesel engine.
- Two sizes of jaws are changeable for varies different injectors.
- Please use with slide hammer (JTC-2503) which is optional and not included in the set.
- Patented.



**JTC-4227 BENZ CRANKSHAFT SEAL INSTALLER (M651)**

- Special designed to install front and rear seals of crankshaft on BENZ diesel engine M651.
- Applicable: BENZ M651 engine
- MM number: 651589006100 / 651589016100



**JTC-4229 FORD, MAZDA REAR CAMSHAFT PULLEY INSTALLER AND REMOVER**

- Special designed to install and remove rear camshaft pulley which connect to the water pump on V6 engine.
- Applicable: FORD, MAZDA 2.5L, 3.0L, V6 engine.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4232 FORD, MAZDA SERPENTINE BELT TOOL**

- Special designed to turn the idler and replace the serpentine belt easily.
- For diesel engine 2.0L.
- Applicable: FORD: DW10A, DW10B 2.0TDCI
- Size: 15 / 17mm



**JTC-4233 VALV ADJUSTING TOOLS (FORD)**

- For overhead camshaft engines using spacer shims.
- This unique tool has been designed to allow for easy valve adjustment on FORD diesel engine, and many other overhead camshaft engines using spacer shims for valve adjustment in operation.
- Applicable: FORD diesel engine (R2) 2.2L



**JTC-4234 ENGINE TIMING TOOL SET – FORD & MAZDA**

- This comprehensive set of tools enables the correct engine timing to be made when replacing the timing belt.
- Applicable:
  - FORD Duratec petrol engine: 1.25, 1.4, 1.6, 1.7, 1.8, and 2.0 twin cam 16V.
  - FORD Duratorq diesel engine: 1.4, 1.6, 1.8, 2.0 TDCI.
  - MAZDA: PSA1.4, 1.6HDI engine.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4240 PORSCHE CAMSHAFT ALIGNMENT TOOL**

- Comprehensive 8-piece tool kit to establish proper engine timing when performing major engines / valvetrain services.
- Applicable:
  - Porsche Boxer 2.5, 2.7, 3.2 (engine type 986, 987)
  - 911 Carrera 4S 3.6, 3.4 (engine type 996, 997)



**JTC-4244 JAGUAR / LAND ROVER TIMING TOOL SET (V8 5.0)**

- This comprehensive set of tools enables to correct engine timing when replacing the timing belt.
- Special designed to tension the VVT during the timing procedure.
- OEM number: 303-1445, 303-1447, 303-1448, 303-1452, 303-1482
- Applicable: X150-XK (10MY), X250-XF (10MY), X351-XJ (10MY)



**JTC-4245 HEAVY DUTY SWIVEL HANDLE OIL FILTER WRENCH (60mm – 73mm)**

- Unique "Swivel-Handle" design allows adjustable band to rotate 180 degrees, to reach tight areas.
- All parts are made from steel, and heat-treated for strength and durability
- All wrenches feature twin color vinyl grips.
- Spec: 2 - 3/8" ~ 2 - 7/8" (60mm - 73mm)



**JTC AUTO TOOLS USA**

678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-4246 HEAVY DUTY SWIVEL HANDLE OIL FILTER WRENCH (73mm – 85mm)**

- Unique "Swivel-Handle" design allows adjustable band to rotate 180 degrees, to reach tight areas.
- All parts are made from steel, and heat-treated for strength and durability.
- All wrenches feature twin color vinyl grips.
- Spec: 2 - 7/8" ~ 3 - 3/8" (73mm - 85mm)



**JTC-4247 HEAVY DUTY SWIVEL HANDLE OIL FILTER WRENCH (85mm – 95mm)**

- Unique "Swivel-Handle" design allows adjustable band to rotate 180 degrees, to reach tight areas.
- All parts are made from steel, and heat-treated for strength and durability.
- All wrenches feature twin color vinyl grips.
- Spec: 3 - 3/8" ~ 3 - 3/4" (85mm - 95mm)



**JTC-4248 HEAVY DUTY SWIVEL HANDLE OIL FILTER WRENCH (95mm – 110mm)**

- Unique "Swivel-Handle" design allows adjustable band to rotate 180 degrees, to reach tight areas.
- All parts are made from steel, and heat-treated for strength and durability.
- All wrenches feature twin color vinyl grips.
- Spec: 3 - 3/4" ~ 4 - 3/8" (95mm - 110mm)



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024





**JTC-4249 1/2" RIBE SOCKETS**

- Spec: M11S
- Applicable: NISSAN cylinder head screws.



**JTC-4260 FUEL FEED PIPE PLIERS**

- For undoing quick release connections on fuel feed pipe lines.
- Applicable: OPEL, VAUXHALL, FIAT, GM, VW, AUDI, TOYOTA, etc.



**JTC-4261 3-JAWS ADJUSTABLE FUEL TANK LID WRENCH**

- An innovative tool for the removal and fitting of fuel gauge sender collars.
- Adjustable to suit for most collars from 89 to 170mm.
- Lock in place and then turn with a 19mm wrench or socket.
- Damage free method of removing and re-fitting collars.
- Operation range:  $\phi 100\text{M/M} \sim 170\text{M/M}$



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4262 UNIVERSAL INJECTOR SEALING SEAT  
CLEANING SET**

- This is the optimized version of the cleaning and milling tool set.
- Used with HDI engines, diesel direct injection and common rail engines with BOSCH and DELPHI injectors.
- Sealing seat cleaning with cutter 120°  $\phi$ 21mm, 17mm stepped.
- Miller 0°  $\phi$ 17mm continuous.
- Miller 0°  $\phi$ 19mm, 17mm, 15mm stepped.



**JTC-4272 OIL FILTER CUTTING TOOL**

- This tool is designed for cutting the oil filter before recycling it.
- Two bearing designed for saving power and easier while rotating the oil filter.
- The material of blade is SKH9, the main body is made of aluminum alloy steel for more sharper and stronger construction.
- Capacity: 60 ~ 140mm



**JTC-4273 OIL FILTER DRAIN TOOL**

- Provides a professional and clean work since remove type oil filter wrench.
- Applicable: TOYOTA and LEXUS (2006 ~) 4cy, 6cyl, and 8cyl vehicles.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4275 WIPER ARM PULLER SET (5 PCS)**

- Universal applications.
- Provides four adjustable removers and one high versatility puller, fits nearly all difficult wiper arm removing work.



**JTC-4279 3-WAY HOSE CLAMP PLIER**

- Special 3-clamp design for any type hose clamp.
- Use with 14mm wrench or 1/4" drive bar.
- Max capacity: 65mm
- Length: 106mm



**JTC-4288 20 PCS FEELER GAUGE (SHARPED)**

- Length: 100mm
- Width: 10mm
- Metric size: 0.05, 0.1, 0.15, 0.2, 0.25, 0.3, 0.35, 0.4, 0.45, 0.5, 0.55, 0.6, 0.65, 0.7, 0.75, 0.8, 0.85, 0.9, 0.95, and 1.0mm.



**JTC AUTO TOOLS USA**

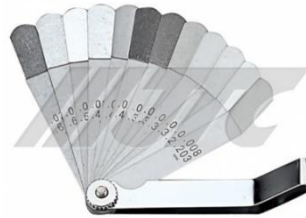
678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4289 26 PCS FEELER GAUGE (STRAIGHT)**

- Length: 9mm (3.5 inch)
- Width: 12.8mm
- Metric size: 0.01, 0.05, 0.06, 0.08, 0.1, 0.13, 0.15, 0.18, 0.2, 0.23, 0.25, 0.28, 0.3, 0.33, 0.35, 0.38, 0.4, 0.43, 0.45, 0.48, 0.5, 0.53, 0.55, 0.58, 0.6, and 0.63mm.
- Inch size: 0.0015, 0.002, 0.0025, 0.003, 0.004, 0.005, 0.006, 0.007, 0.008, 0.009, 0.01, 0.011, 0.012, 0.013, 0.014, 0.015, 0.016, 0.017, 0.018, 0.019, 0.02, 0.021, 0.022, 0.023, 0.024, and 0.025 in.



**JTC-4290 12 PCS FEELER GAUGE (BENDED)**

- Length: 89mm (3.5 inch)
- Width: 12.8mm
- Metric size: 0.203, 0.254, 0.305, 0.33, 0.356, 0.381, 0.406, 0.457, 0.483, 0.508, 0.635, and 0.66mm.
- Inch size: 0.008, 0.01, 0.012, 0.013, 0.014, 0.015, 0.016, 0.018, 0.019, 0.02, 0.025, and 0.026 in.



**JTC-4291 26 PCS FEELER GAUGE (DOUBLE BENDED)**

- Length: 89mm (3.5 inch)
- Width: 12.8mm
- Metric size: 0.127, 0.152, 0.178, 0.203, 0.229, 0.254, 0.279, 0.305, 0.33, 0.356, 0.381, 0.406, 0.432, 0.457, 0.483, 0.508, 0.533, 0.559, 0.584, 0.61, 0.635, 0.66, 0.686, 0.711, 0.737, and 0.762mm.
- Inch size: 0.005, 0.006, 0.007, 0.008, 0.009, 0.01, 0.011, 0.012, 0.013, 0.014, 0.015, 0.016, 0.017, 0.018, 0.019, 0.02, 0.021, 0.022, 0.023, 0.024, 0.025, 0.026, 0.027, 0.028, 0.029, and 0.03 in.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



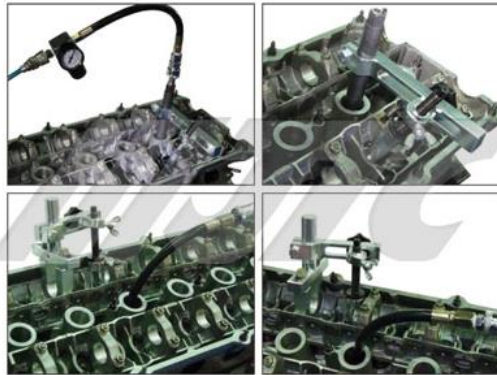
**JTC-4292 25 PCS FEELER GAUGE (LONG)**

- Length: 300mm
- Width: 12.8mm
- Metric size: 0.038, 0.051, 0.076, 0.102, 0.127, 0.152, 0.178, 0.203, 0.229, 0.254, 0.279, 0.305, 0.33, 0.356, 0.381, 0.406, 0.423, 0.457, 0.483, 0.508, 0.533, 0.635, 0.686, 0.762, and 1.016mm.
- Inch size: 0.0015, 0.002, 0.003, 0.004, 0.005, 0.006, 0.007, 0.008, 0.009, 0.01, 0.011, 0.012, 0.013, 0.014, 0.015, 0.016, 0.017, 0.018, 0.019, 0.02, 0.021, 0.025, 0.027, 0.03, and 0.04 in.



**JTC-4294 UNIVERSAL VALVE SPRING REMOVER / INSTALLER**

- Special designed to remove and install the valve spring and oil seal on various vehicles.
- Applicable engine model: BENZ, BMW, TOYOTA, FORD, MITSUBISHI, VAG, etc.



**JTC-4295 UNIVERSAL HOSE CLAMP PLIER 0 ~ 38mm**

- Special angle jaws designed for most kinds of hose clamp.
- Fingertip “position lock” to keep hose clamp spread open.
- Capacity: 0 ~ 38mm
- Overall Length: 243mm



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4296 UNIVERSAL HOSE CLAMP PLIER 22 ~ 55mm**

- Special angle jaws designed for most kinds of hose clamp.
- Fingertip “position lock” to keep hose clamp spread open.
- Capacity: 22 ~ 55mm
- Overall length: 243mm



**JTC-4302 DIESEL COMPRESSION TESTER (37 PCS)**

- Common checking diesel compression tester with wide range of adaptors.
- Test process must be under vehicle cranking condition.
- Provides high quality hydraulic gauge with modern design rubber jacket.
- Full glow plugs and injector adaptors.
- Additional clamp-on adaptors in case provide more application to truck, van, bus, marine, and agricultural vehicles.



**JTC-4303 TWO WAY OIL FILTER WRENCH (80 ~ 110)**

- The special serrate design for clamping the filter firmly.
- Universal designed for varies oil filters.
- Extension spring installed inside the wrench to prevent from coming off.
- Capacity: 80 ~ 110
- 1/2" Dr. x 22mm



**JTC AUTO TOOLS USA**

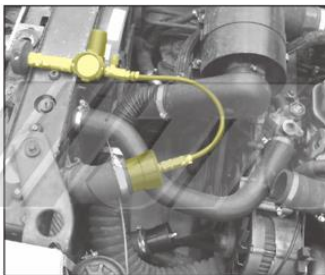
678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



#### JTC-4315 TURBINE SYSTEM DETECTOR

- Special designed to check leakage in the turbo system.
- Kit come with 4 pairs of step adaptors to cover wide range of hoses.
- Works with low pressure air.
- Works with cooling system hose.
- Working pressure: 1.5kgs / cm<sup>2</sup>.
- Adapter: 80 ~ 90mm \* 2, 65 ~ 75mm \* 2, 50 ~ 60mm \* 2, 35 ~ 45mm \* 2.



#### JTC-4324 WRINKLE BAND PISTON RING COMPRESSOR

- Simply set the adjustment screw once for the job to be completed.
- Reduce ring friction, slides into cylinder easily.
- Unique wrinkle band that will not slip down into cylinder.
- Capacity: 3" to 5" (75 to 125mm).
- Depth: 1 - 1/2" (38mm).



#### JTC-4340 PORSCHE PNEUMATIC CHAIN ADJUSTER

- To adjust tension of chain by pneumatic.
- To adjust chain of V6 engine.
- Applicable: PORSCHE PANAMERA V6 3.6L
- PM no.: 9683/1



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4352 OIL FILTER WRENCH 6PT / 32mm**

- Use with 1/2" Dr. tool or 21mm wrench.
- Spec: 6P/32mm
- Applicable: GM, OPEL, VAUXHALL, BENZ



**JTC-4353 OIL FILTER WRENCH 6PT / 36mm**

- Use with 1/2" Dr. tool or 21mm wrench.
- Spec: 6P/36mm
- Applicable: BENZ, BMW, FORD, VOLVO, VW, MINI



**JTC-4383 VOLVO CAMSHAFT ALIGNMENT TOOL (B4204)**

- Specially designed to align the engine camshaft and crankshaft position, and correct into the side cover.
- Applicable: VOLVO B4204 engine (8 -Speed Transmission), S60 (2011 ~), S80 (2007 ~), V60, V70 (2008 ~), XC60, XC70 (2008 ~)
- VM number: 9997493, 9997495 ,9997490, 9997497, 9997496.



**JTC AUTO TOOLS USA**  
 678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024





**JTC-4385 SUBARU CAMSHAFT PULLEY HOLDER**

- Use for fixing timing belt and easy to remove or install.
- Special designed front 4 fixing point to hold the camshaft pulley.
- Applicable: Foresters 2011 ~, WRX 2014 ~, IMPREZA 1.6 2013 ~, IMPREZA XV2.0 2012~, TRIBECA 3.6 2008 ~ 2012.



**JTC-4397 SUBARU CRANK SOCKET**

- Enables users to rotate a complete engine with any 1/2" ratchet or breaker bar, and eliminates the risk of damage to the crankshaft.
- Designed for easier replacing timing belts or another engine work.
- Applicable: Foresters, Impreza, Tribeca, WRX, Legacy, Baja, and SVX.
- SM number: 499987500.



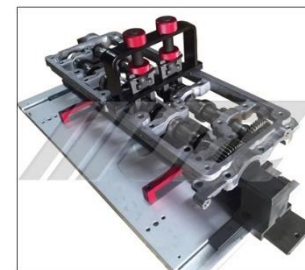
**JTC AUTO TOOLS USA**

678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-4405 VAG, PORSCHE DIESEL ENGINE TIMING TOOL SET**

- Special tool set for alignment and fix camshaft in TDC position.
- Applicable: VW, AUDI, PORSCHE group TDI 1.2, 1.6, 2.0, 2.7L, 3.0L, and 4.0L 4 valve engine 8-cyl.
- Engine code: CAGA, CAGB, CAGC, CAHA, CAHB, CFHC, CBAA, CBAB, CFFB, CGLA, CGLB, CJCA, CJCBA, CAAA, CBAA, CBAB, CBAC, CBBA, CBBB, CBDA, CBDB, CBDC, CCHA, CEGA, CJAA, CAAB, CAAC, CFJA, CFWA, CAYB, CAYC, CAYA.
- VM number: T40094, T40095, T40096





**JTC-4406 HONDA TENSIONING WRENCH (14mm)**

- Use for adjusting idler's tension for easier belt replacing.
- Applicable: Honda new car.
- Size: 14mm/12PT
- Length: 650mm



**JTC-4407 HONDA TENSIONING WRENCH (19mm)**

- Use for adjusting idler's tension for easier belt replacing.
- Applicable: HONDA CIVIC VIII (1.8, 2.0), 2006 HONDA CIVIC 1.8, four-door 1.8, Inline four-cylinder engine.
- Size: 19mm/ 6PT
- Length: 650mm



**JTC-4409 CAMSHAFT PULLEY HOLDER (SUBARU)**

- Used for fixing timing belt and easy to remove or install.
- Specially designed front 4 fixing points to hold the camshaft pulley.
- Applicable: Forester 2.0 2005 ~ 2011, Impreza 1.6/2.0 2005 ~ 2008, Legacy 2005 ~, Legacy CVT 2010 ~ 2013.



**JTC AUTO TOOLS USA**

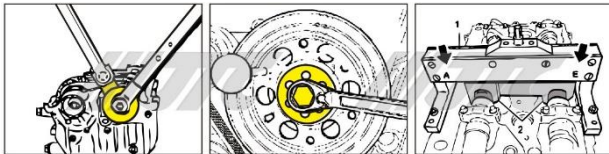
678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



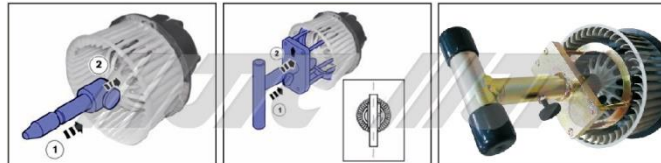
**JTC-4423 PORSCHE ENGINE TIMING TOOL SET**

- Used to rotate and align crankshaft and camshaft.
- Applicable: PORSCHE 987, 981, 997, 991 flat engines.
- PM number: 9772, 9773.



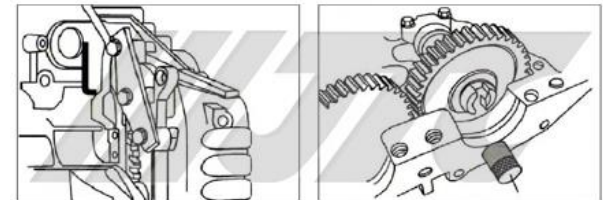
**JTC-4433 VOLVO HEATER BLOWER INSTALLER / REMOVER**

- Use to install and remove heater fan, blower motor assembly.
- Applicable: VOLVO S60, S80, XC60, XC70, V70 (After 2007.)
- VM number: 9997284.



**JTC-4434 VOLVO DIESEL ENGINE TIMING TOOL SET**

- The set provides locking tools for both timing belt change and the dismantling of the gear driven cams fitted to the twin cam engine.
- Applicable: VOLVO 1.6, 1.9, 2.0, 2.4L diesel engine.
- Engine code: 5 cylinders 2.0L and 2.4L D5204T ~ T5, D5244T ~ T19; 4 cylinders 1.6L D4164T ~ T2; 1.9L D4192T ~ T3; 2.0L D4204T ~ T2.



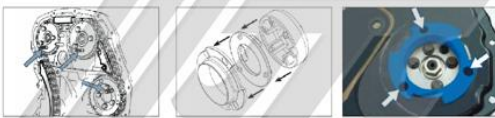
**JTC AUTO TOOLS USA**  
 678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024





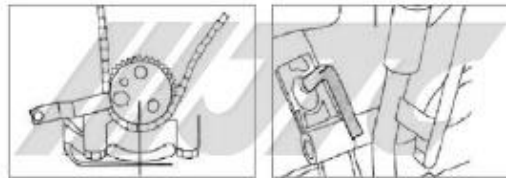
**JTC-4435 FORD DURATORQ DIESEL ENGINE TIMING & INJECTION PUMP INSTALLER / REMOVER**

- Specially designed to remove and install H.P Pump Sprocket cover, and to keep the engine shaft in a specific position when changing the timing belt or during other engine repairs, and to remove and replace the injection pump.
- Applicable: Ford Duratorq diesel engine 2.0, 2.2, 2.4 & 3.2L in:  
Citroen: Relay (06-11), Jumper III; Fiat: Ducati (06-11)  
Ford: Puma, Mondeo (00-07), Transit (00-11)  
Jaguar: X-Type (01-10); Land Rover: Defender (07-11)  
LDV: Convoy (02-06); Peugeot: Boxer III (06-11)
- OEM number: 303 - 682, 303 - 679A, 303 -1151, 303 - 249, 303 - 675, 303 - 698.



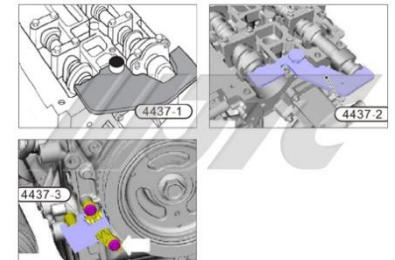
**JTC-4436 FORD ENGINE TIMING TOOL SET – 2.2 TDCi**

- For checking and setting the camshaft and crankshaft in correct TDC position.
- Applicable: FORD Transit 2.2 diesel engine.
- Engine code: CYFA, CYFB, DRFA, DRFB, P8FA, P8FB, PGFA, PGFB, QVFA, QWFA, SRFA, SRFB, SRFC, SRFD, SRFE, UHFA, CYFC, DRFC, USRA.
- FM No.: 303 - 698/21 - 251, 303 - 1587.



**JTC-4437 FORD ENGINE TIMING TOOL SET (2.0 ECOBOOST)**

- For checking and setting the camshaft and crankshaft in correct TDC position.
- Applicable: FORD 2.0L EcoBoost petrol engine 2010 ~.
- Engine code: TNWA, TNWB, TPWA, TNBA, TPBA, MGDA, XQDA.
- FM No.: 303 - 1504, 303 - 1565, 303 -1521, 303 - 748.



**JTC AUTO TOOLS USA**

678 - 876 - 3470  
2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



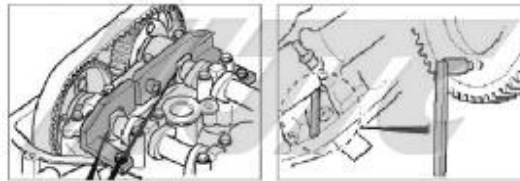
**JTC-4438 FORD DURATEC CRANKSHAFT PULLEY HOLDING TOOL**

- Specially designed to hold the crankshaft pulley while the pulley retaining bolt is loosened/tightened.
- Applicable: Ford 1.8, 2.0 Duratec Petrol Engines.  
Focus C-Max (03-08) 1.8L – QQDA / QQDB / QQDC / CSDA / CSDB (CHAIN); 2.0L – AODA / ADOB (CHAIN)  
Mondeo (00-07) 1.8L – CCB B / CGBA / CGBB / CHBA / CHBB (CHAIN); 2.0L – CJBA / CJBB (CHAIN)  
Mazda 3 (03-06) Mazda 6 (02-07) 1.8 - L8 (CHAIN); 2.0 – LF (CHAIN)
- OEM No.: 49 B011 105



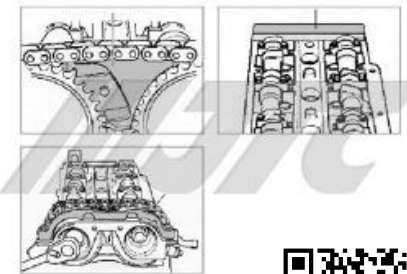
**JTC-4439 PEUGEOT, CITROEN ENGINE TIMING TOOL – VTi**

- For checking and setting the camshaft and crankshaft in correct TDC position.
- Applicable: PEUGEOT 208 (2008); Citroen C3 (2012~).
- Engine code: 1.0, 1.2 VTi petrol engine: EBO (ZMZ), EB2 (HMZ).
- OEM No.: 0109 - 2A, 0109 - 2B.



**JTC-4440 OPEL, VAUXHALL, CHEVROLET ENGINE TIMING TOOL SET – 1.0, 1.2, 1.4**

- For checking and setting the camshaft and crankshaft in correct TDC position.
- Applicable: Vauxhall/Opel/Chevrolet 1.0, 1.2, 1.4 petrol engine (chain).
- Engine code: 1.0: Z10XE, Z10XEP, AXEP  
1.2: A12XEL, Z12XE, Z12XEP, A12XER  
1.4: A14XEL, A14XER, LDD/A14XFL, LUJ/A14NET, LUU, Z14XE, Z14XEP A14NEL.



**JTC AUTO TOOLS USA**

678 - 876 - 3470  
2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4445 MULTIFUNCTION PULLEY REMOVER**

- Multifunction, capable to remove different type of pulley.
- Includes 3 pcs of holding screws: M8, M10 and clow.
- Includes 2 center screws, 50L/110L, for tight spaces.



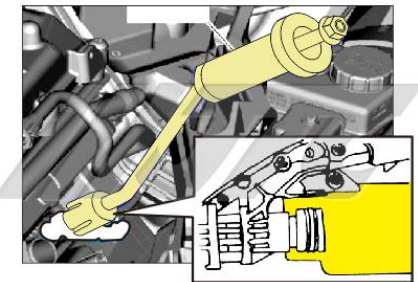
**JTC-4452 FORD OIL FILTER SOCKET (2.0 TDCi)**

- Use with 1/2"Dr. tool or 21mm wrench.
- Spec: 12P/75.5mm
- Applicable: FORD 2.0 , TDCI, SMART



**JTC-4458 JAGUAR, LAND ROVER FUEL INJECTOR REMOVER**

- Designed for removing the fuel injector on the Jaguar and Land Rover.
- Applicable: Jaguar: X150 - XK series, X250 - XF, X351 - XJ.  
Land Rover: Discovery 4, New Range Rover, Range Rover Sport.
- JM Number: 310 - 197



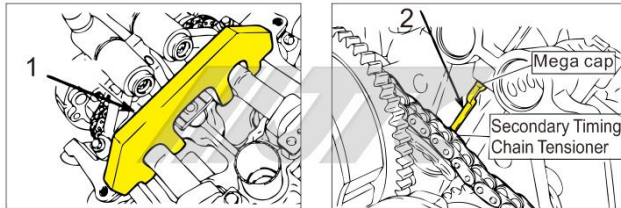
**JTC AUTO TOOLS USA**

678 - 876 - 3470  
2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



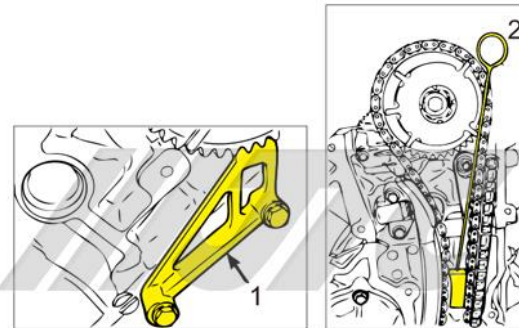
**JTC-4460 FORD TIMING TOOL SET (3.5, 3.7, 4.0L)**

- Specially designed for camshaft holding in the TDC position and hold down chain tensioner in the compressed position.
- Applicable: EDGE, EXPLORE F-150, MKX, FLEX, FUSION, MILAN, MKT, MKZ, MUSTANG, SABLE, TAURUS, etc.
- Engine: 3.5L, 3.7L, 4.0L from 2007.



**JTC-4461 FORD TIMING TOOL SET (4.6, 5.4, 6.8L)**

- Specially designed to lock the timing chain and align the camshaft sprocket.
- Applicable: Expedition, Navigator, Explorer, Mountaineer, F-150, F-super duty 250-550, Mark LT, Mustang, etc.
- Engine: 4.6L, 5.4L 3V from 2004.



**JTC-4462 TOYOTA, LEXUS FUEL TANK LID TOOL**

- Specially designed to remove and install the fuel tank lock rings for most TOYOTA and LEXUS.
- Size: 1/2" DR x 24PT.
- Applicable: TOYOTA: Corolla, Land Cruiser, Matrix, Tacoma, Yaris S, Yaris Base, and VIOS.  
LEXUS: RX330, RX350, RX450h.
- TOYOTA fuel pump gauge retainer: 77144 - 04010, 77144 - 52040.
- Lexus fuel pump gauge retainer: 77144 - 48020.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4469 FORD TIMING TOOL SET (1.5, 1.6L ECOBOOST)**

- Specially designed for aligning the engine timing for FORD ECOBOOST engine.
- Applicable: FORD 1.6 Ti-VCT, 1.5/1.6VVT (ECOBOOST)
- FM number: 3031054, 303748, 3031097, 3031059, 303735, 3031552, 21-162B, 303-376, 303-376B, 21-163, 303-620.



**JTC-4470 FORD TIMING TOOL SET (1.0 ECOBOOST)**

- Specially designed for aligning the engine timing for Ford 1.0 EcoBoost (SCTi) engines.
- Applicable: Ford 1.0 turbo, 3 cylinder, and EcoBoost (Belt in oil) petrol engine. Fiesta, EcoSport, Focus, B-max, Transit Courier, Focus, Transit Connect, C-Max, Tourneo Connect, Grand C-Max.
- Engine Code: M1DA, P4JA, XMJA, M1JA, P4JB, XMJB, M2DA, SFJA, M2GA, SFJB.
- FM number: 303 - 393A, T10115.



**JTC-4477 JAGUAR FUEL PUMP CAMSHAFT TIMING TOOL**

- Specially designed to align the fuel pump camshaft on all new range rover.
- Applicable: JAGUAR, Range rover 2012 >.
- LM number: 303 - 1621.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024





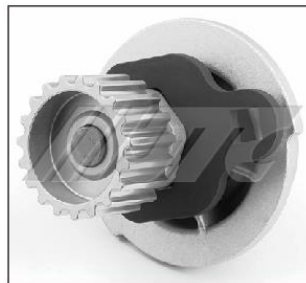
**JTC-4484 OPEN – END WATER PUMP SENSOR WRENCH**

- Used for rotating the water pump to enable the driving belt to be tensioned.
- Special tool designed to prevent damage to the Visco clutch.
- Use with 1/2" wrench.
- Applicable: Opel / Vauxhall / GM OHC - engines 1.2, 1.3, 1.4, 1.6 L.
- Size: 39mm



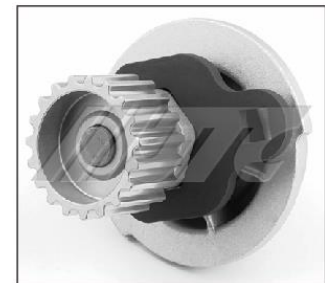
**JTC-4485 OPEN-END WATER PUMP SENSOR WRENCH**

- Used for rotating the water pump to enable the driving belt to be tensioned.
- Special tool designed to prevent damage to the Visco clutch.
- Use with 1/2" wrench.
- Applicable: Opel / Vauxhall / GM OHC - engines 1.2, 1.3, 1.4, 1.6 L.
- Size: 41mm



**JTC-4486 OPEN-END WATER PUMP SENSOR WRENCH**

- Used for rotating the water pump to enable the driving belt to be tensioned.
- Special tool designed to prevent damage to the Visco clutch.
- Use with 1/2" wrench.
- Applicable: Opel / Vauxhall / GM OHC - engines 1.2, 1.3, 1.4, 1.6 L.
- Size: 46mm



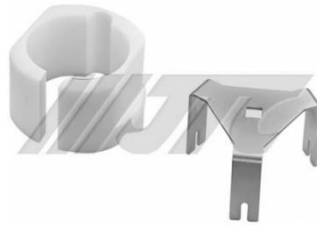
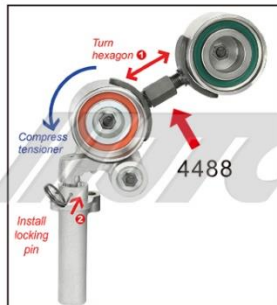
**JTC AUTO TOOLS USA**

678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-4488 TOYOTA TIMING BELT TENSIONER TOOL**

- Designed to compress the timing belt tensioner on most TOYOTO cars since 1995.
- **Applicable:** TOYOTA T-100, Tacoma, and 4 - Runner trucks since 1995.  
TOYOTA 5VZ-FE, 3.4L V-6 and 4.0L, 4.3L, 4.7L V-8 engines.



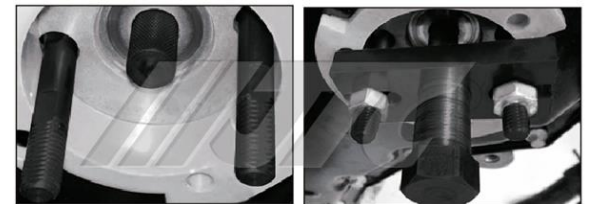
**JTC-4489 DIESEL FILTER REMOVER / INSTALLER SET**

- Provides a quick and comfortable way to replace the fuel filter.
- By using this tool can prevent any risk of damage to the plastic filter housing or fastening ring.
- **Applicable:** Fiat, Lancia, Alfa Romeo, Opel, Vauxhall, Holden, Chevrolet, Citroen, Peugeot, Suzuki and Saab with diesel 1.3, 1.9, 2.0, 2.2, 2.3, 2.8, 3.0 engine.



**JTC-4490 FORD DIESEL PUMP SPROCKET REMOVER / INSTALLER**

- Specially designed to remove and install the diesel pump sprocket.
- **Applicable:** FORD Transit 2.2 TDCI (Puma) Diesel engine since 2011.
- **FM number:** 303 - 249



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4493 5 PCS DIESEL INJECTION PUMP SPECIAL SOCKET SET**

- Use when loosen and remove the triangular headed screws on the injection pump.
- Applicable: For Bosch diesel injection pump VE (Bosch VE), VP EDC TDI (Bosch TDI), and VP 37(Bosch CR).
  1. For central closing plug of Bosch VE.
  2. Governing pressure socket of Bosch VE.
  3. For bearing screws governing lever of Bosch VE.
  4. For top cover screw of Bosch TDI.
  5. For body of Bosch CR.



**JTC-4495 JAGUAR, FORD DIESEL INJECTOR ALIGNMENT TOOL**

- Specially designed for holding the injector and align it with the fuel line.
- By using this tool can ensure that the injector and the fuel line is correctly aligned, and prevent the risk of damaging the fuel line during operation.
- FM Number: 303-687, 303-711.
- JM Number: 21-237, 21-258.



**JTC-4497 UNIVERSAL SELF ADJUSTING CLUTCH ALIGNMENT**

- Provide a proper way to disassemble and assemble the self-adjusting clutches.
- Pre-tightening the pressure plate before operations to prevent the clutch from deformations.
- Applicable: All SAC. on VW, Audi, BMW, Ford, Mercedes, Opel, Renault, Volvo, etc.



**JTC AUTO TOOLS USA**  
 678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-4510 RADIATOR COOLANT FILLING TOOL**

- Provides a proper way to refilling the radiator.
- By using this tool can prevent any spills and mess.
- Eliminates trapped air pocket and aquake belts by overflow the coolant.
- Applicable for most cars and light trucks.



**JTC-4511 CHANGABLE IDLER WRENCH SET**

- Specially designed to loosen or tighten the screws on the fan clutch, pulley and tensioner, etc.
- Wrench length: 45.5cm
- Applicable: European cars."
- Contents 6pcs; 8mm drive bits: 18L: H8  
21L: T45, T50, T60  
50L: T60  
53L: H10



**JTC-4513 DIESEL INJECTOR SEAT CLEANER**

- Use for cleaning the carbon deposition and greasy dirt in the diesel injector seat.
- Contents:
  - 10 pcs Copper brushes: 18, 19, 21, 24, and 26 x 2 pcs of each.
  - 1 pc Cleaning brush: 9mm x 100mm, 2 pcs
  - Overall Length: 300mm x 2 pcs
  - 1 pc Flexible bit holder, 1 pc Adapter with brush holder, 1 pc Mounting bar
  - 2 pcs Flush copper brushes, 1 pc Plastic sleeve for brush, 8 pcs Sealing plugs



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4515 REPLACEABLE BELT TENSIONER WRENCH SET**

- Specially designed for tight space usage, and with its 13 pcs adapters, this tool is universally suitable.
- Use for releasing the bolts used on tensioner, timing and auxiliary pulleys.
- Adapters' contents:  
 Double ended: 12, 13, 14, 15, 16, 17, 18, 19mm.  
 Single ended: E10, E12, E14, E16, and E18.  
 3/8" x 15 adapter.



**JTC-4516 ACCELERATOR PEDAL HOLDER**

- For one man operation, allows engine speed to be set during automotive repair work.
  1. Fix the tool on the brake pedal.
  2. There are two adjustment holes, use the adjustment screw to fine-tune the RPM level.



**JTC-4524 CRANKSHAFT PULLEY HOLDING TOOL (FORD)**

- Use for preventing the crankshaft from rotating when releasing or tightening the crankshaft pulley fasteners.
- Applicable:  
 Ford Mondeo and Transit with 2.0, 2.2, 2.4, 3.2.  
 Duratorq diesel engine since 2001 and 2.3 Duratek petrol HE.
- FM number: 303-1310



**JTC AUTO TOOLS USA**

678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



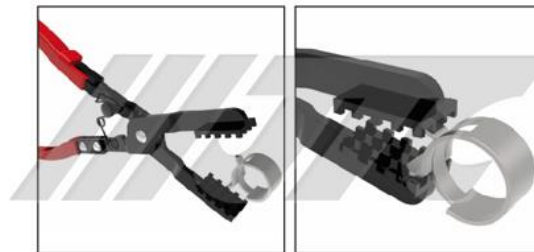
**JTC-4526 RENAULT COMBINATION TIMING TOOL SET**

- Specially designed for setting and locking the timing position on Renault petrol and diesel vehicles.
- Applicable: E7F 1.2, D4F 1.2, E7 J 1.4, F3P 1.8, F7P 1.8, F8Q 1.90, F9Q 1.90, F3R 2.0, J7R 2.0, F7R 2.0, J7T 2.2, G8T 2.20 engine.



**JTC-4535 TEETH TYPE HOSE CLAMP PLIERS**

- Specially designed jaws angle for most types of hose clamp.
- Quick position-lock designed to keep the hose clamp spread open.
- Capacity: 0mm ~ 65mm



**JTC-4536 6 PCS SLOTTED SOCKET SET**

- Use for assembling the top and side wired temperature sensors, thermo-switches and other components.
- Used for nuts and bolts of bent pipes.
- Designed rail for storage.
- Contents: 3/8" DR: 10, 11, 12, 14mm, 1/2" DR: 17, 19mm (6PT).
- Width: 7.4mm, 8.8mm, 9.1mm, 10.5mm, 13.3mm and 14.4mm



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4547 VOLVO CRANKSHAFT PULLEY HOLDER (B320)**

- Designed to prevent the crankshaft pulley from rotating when replacing the timing belt or seal.
- The handle can be fitted to the tensioner stud for a secure hold.
- Capable to withstand the same torque force as the crank bolt on the VOLVO vehicle.
- Applicable: VOLVO B320 Engine.



**JTC-4553 UNIBODY OIL FILTER SOCKET**

- Use with 1/2" Dr. tool or 21mm wrench.
- Integral forming body, provide high strength and durability.
- Spec: 14P x 63.8mm
- Diameter: 71.6
- Applicable: HONDA, NISSAN



**JTC-4555 UNIBODY OIL FILTER SOCKET**

- Use with 1/2" Dr. tool or 21mm wrench.
- Integral forming body, provide high strength and durability.
- Spec: 14P x 74mm
- Diameter: 82
- Applicable: BENZ, BMW, VAG, OPEL, HYUNDA, KIA, and SUZUKI.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4559 3 PCS OPEN-END WRENCH SET**

- Open-end 12PT socket for the operation of screwed connections on injection lines.
- Applicable: On MAN commercial vehicles with D 20 engines Common Rail injection systems.
- Size: 1/2" DR. 14, 17 , 19mm.



**JTC-4600 TWO WAY OIL FILTER WRENCH**

- Special designed to remove and install the oil filter easily and quickly.
- With pull spring to make it hold the filter easily.
- Range: 60 ~ 80mm
- Operation wrench: 3/8" Dr. or 17mm wrench



**JTC-4611 OIL FILTER SOCKET 15P / 75mm**

- Use with 1/2" Dr. tool or 21mm wrench.
- Spec: 15P/75mm
- Applicable: FORD, MAZDA, VOLVO, and LAND-ROVER.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024





**JTC-4612 OIL FILTER SOCKET 36P / 93mm**

- Use with 1/2" Dr. tool or 21mm wrench.
- Spec: 36P/93mm
- Applicable: FORD, MAZDA



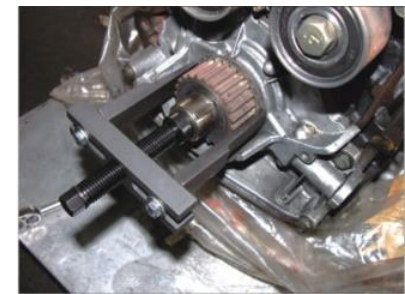
**JTC-4613 STEEL TORQUE ANGLE GAUGE WITH MAGNET**

- Surface scale is 360°; minimum is 2°. It can be set by right or left.
- Flexible hose can be used in curve space, all length is 418mm. It has a powerful magnet in front, easy to fix on every position.
- Operated by 1/2" wrench will be more convenient owing to appropriate distance between axle center and scale plate.



**JTC-4622 THIN TYPE TWO JAWS BEARING REMOVER**

- Special design for removing the bearing in narrow space.
- Working depth: 93mm
- Jaws thickness: 1.5mm
- Applicable bearing dimension:  $\Phi 30 \sim 90$ mm



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4637 HEAVY DUTY OIL FILTER WRENCH 105 – 125mm**

- Use with 1/2" wrench.
- Wrench thickness is 1.0mm and 76mm height.
- Specs: 4-1/8" ~ 5"(105 ~ 125mm)



**JTC-4638 HEAVY DUTY OIL FILTER WRENCH 120 – 140mm**

- Use with 1/2" wrench.
- Wrench thickness is 1.0mm and 76mm height.
- Specs: 4-3/4" ~ 5-1/2"(120 ~ 140mm)



**JTC-4646 DIESEL INJECTOR PULLER**

- Assists removal of stubborn BOSCH and LUCAS diesel injectors for saving time when injectors are difficult to remove.
- With M8, M12, M14 adapters.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4655 7 PCS CUP ROCKET SET**

- Special design enabled cup to install in smoothly and easily, eliminating damage to the O-ring cylinders.
- Applicable:  
 $\Phi 9/16"$  (14.4mm ~ 16.0mm);  
 $\Phi 11/16"$  (17.5mm ~ 19.1mm);  
 $\Phi 15/16"$  (24.0mm ~ 26.0mm);  
 $\Phi 1-13/16"$  (30.3mm ~ 32.3mm)  
 $\Phi 5/8"$  (15.9mm ~ 17.5mm)  
 $\Phi 13/16"$  (20.7mm ~ 22.4mm)  
 $\Phi 1.0"$  (25.5mm ~ 27.5mm)



**JTC-4656 6 PCS BELT TENSIONER RETAINING PINS SET**

- Special tool to compress the tensioner plunger when a belt tensioner is removed from the engine.
- The set provides six pins at different sizes to retain a retracted position.
- Pin size:  
 0.79mm (0.031"); 1.24mm (0.049")  
 1.37mm (0.054"); 1.49mm (0.059")  
 1.68mm (0.066"); 1.92mm (0.076")



**JTC-4662 WINDSCREEN WIPER ARM REMOVER TOOL**

- The special design offers easy access in confined space and eliminates the risk of damage to the wiper arms.
- A simple, effective tool to remove stubborn wiper arms easily.
- A: 26mm
- B: 39mm



**JTC AUTO TOOLS USA**

678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-4665 5 PCS OIL FILTER SOCKET SET**

- 3/8" Square drive
- Manufactured from chrome vanadium steel
- Size:
  - 24MM CADILLAC 36
  - 27M/M MERCEDES: ACLASS
  - 32M/M VAUXHALL/OPEL: ASTRA, CORSA, ZATIRA
  - 36M/M VAUXHALL/OPEL: OMEGA DL 16V
  - VECTRA, ZAFIRA > 98
  - BMW: 16V
  - FORD: MONDEO 2.0D 16V DURA TORQ ENGINE, TRANSIT 2.5 & 2.0 DURA TORQ DIESEL ENGINE.
  - MERCEDES: 116MB ENGINE VITO CDI
  - 38M/M VAUXHALL/VECTRA 2 LITER DIESEL ENGINE



**JTC-4666 16 PCS STEEL OIL FILTER SOCKET SET**

- Use with 1/2" drive or 21mm wrench.
- Made of steel.
- Contents:
  - 14 pcs oil filter socket: JTC-1114, 1021, 1235, 1403, 1515, 1521, 1522, 4611, 4612, 4667, 4668, 4669, 4671, 4695.
  - 1 pc oil filter wrench: JTC-1601.
  - 1 pc offset wrench: 21mm/12PT.



**JTC-4667 OIL FILTER SOCKET 14P / 72.5mm**

- Use with 1/2" Dr. tool or 21mm wrench.
- Spec: 14P/72.5mm
- Applicable: TOYOTA



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4668 OIL FILTER SOCKET 30P / 75mm**

- Use with 1/2"Dr. tool or 21mm wrench.
- Spec: 30P/75mm
- Applicable: FORD, MAZDA



**JTC-4669 OIL FILTER SOCKET 12P / 76mm**

- Use with 1/2"Dr. tool or 21mm wrench.
- Spec: 12P/76mm
- Applicable: PEUGEOT, CITROEN, RENAULT



**JTC-4670 OIL FILTER SOCKET 18P / 86mm**

- Use with 1/2"Dr. tool or 21mm wrench.
- Spec: 18P/86mm
- Applicable: PEUGEOT, CITROEN, RENAULT



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024

**JTC-4676 ENGINE TIMING TOOL SET – FORD & MAZDA**

- This comprehensive set of tools enables the correct engine timing to be made when replacing the timing belt.
- Applicable: FORD & MAZDA

**JTC-4678 ENGINE TIMING TOOL SET – FIAT & OPEL**

- This comprehensive set of tools enables the correct engine timing to be made when replacing the timing belt.
- Applicable: FIAT & OPEL

**JTC-4682 UNIVERSAL SERPENTINE BELT SERVICING TOOL SET**

- Combines the innovation of gear wrench to provide the best possible combination.
- Provides coverage for all major vehicles with serpentine belt configuration.
- The versatility and strength of the gear wrench allows for unlimited access to
- Serpentine pulley tension arms with added attachments for unlimited coverage.
- Socket size: 8, 12, 13, 14, 17, 18, & 24mm; 3/8", 1/2" and 5/8"

**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4684 UNIVERSAL FLYWHEEL LOCKING TOOL**

- Special designed for locking flywheel when dismantling or reassembling flywheels, clutch pressure plates and belt pulley.
- Length: 250mm



**JTC-4685 PULLEY SPINNING TOOL**

- For deep forged pulleys to stop the crankshaft, camshaft, etc.
- Applicable: BENZ, VM-Audi, BMW, Ford, Opel, Peugeot, Renault, Rover, Volvo, and Japanese cars.



**JTC-4695 OIL FILTER SOCKET 14P / 84mm**

- Use with 1/2" Dr. tool or 21mm wrench.
- Spec: 14P/84mm
- Applicable: BENZ OM642 CDI



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4699 1/2" POWER BAR HAND IMPACT WRENCH**

- Special designed to replace the harmonic balancer pulley which will turn when trying to remove the center nut.
- Up to 600 Ft. /lb. of torque.
- Applicable: pulleys, flywheels, couplings, and flanges etc.



**JTC-4701 1/2" RIBE SOCKET M10S**

- Applicable: idle wheel center screw of TOYOTA model since 2000 and NISSAN cylinder screw.
- Size: 1/2" DR x M10S, Hex. 21mm



**JTC-4702 1/2" RIBE SOCKET M12S**

- Applicable: engine head screw and flywheel center screw of NISSAN model.
- Size: 1/2" DR x M12S.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024





**JTC-4708 VOLVO SERPENTINE BELT TOOL**

- Square head at the front part for turning around the idler and replace serpentine belt.
- Applicable: VOLVO models after 1995



**JTC-4712 ENGINE TIMING TOOL SET – OPEL & GM**

- Applicable: ASTRA VECTRA VX220 ZAFIRA and SIGNUM (00-04)
- To hold position of coolant pump, sprocket during replacement of pump, maintaining engine timing.
- Codes: K9K, G9T, G9U.



**JTC-4714 1/2" PENTAGON SOCKETS – 10mm**

- Use with 1/2" drive wrench.
- Size: 10mm
- Applicable: For hydraulic pump on diesel car.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4719 AIR BAG REMOVAL TOOL SET**

- Airbag removal tool is used to remove driver's airbag from steering wheel on 1999-04 new body style VW Passat, Jetta, golf and beetle.
- VW Passat b5, polo, lupo, AUDI, A4 and A6, SKODA superb.
- VW golf 4, new beetle, SEAT, SKODA Fabia, Octavia AB BJ. 99
- VW golf 4(BJ. 1998-2004),
- VW-Passat AB BJ. 1997, bora AB BJ. 1999
- VW-modelle U.A: Passat AB BJ. 2000



**JTC-4721 ENGINE TIMING TOOLS – FORD**

- Flywheel locking tool with 2 adaptors
- For FORD diesel and petrol engines.

Focus 2.0 TDCi Focus C Max 2.0 TDCi	G6DA, G6DB, G6DC
Focus 1.6 T-VCT Focus C Max 1.6Ti-VCT	HXDA
Fiesta 1.8 D Turbo	C9DC RTN RTP RTQ, Chain engines
Focus 1.8 / TDdi / TDCi	BHDA / B C9DC, C(DA / B FFDA F9DA/B KKDA -Chain engines
Focus C Max 1.8 TDCi	KKDA - Chain engine
Toumeo Connect 1.8, TDDi / TDCi	BHPA HCPA HCPB, Chain engines
Transit Connect 1.8, TDDi / TDCi	BHPA HCPA HcPB, Chain engines



**JTC-4722 CAM AND CRANK SHAFT SEAL PULLER**

- Engage the adjustable hook behind the seal.
- Brace the push rod against the engine head then push the handle to remove the seal.
- Remove the seal easily and quickly without damage to the cam and crank shaft.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4723 OXYGEN SENSOR RETHREAD TOOL**

- Cleans threads in oxygen sensor holes.
- Use with 21mm hex socket or 3/8" square drive.
- M18 x 1.5 also works on M18 x 1.5 spark plug threads.



**JTC-4724 HEAVY DUTY CHAIN OIL FILTER WRENCH**

- Available for all type of oil filter.
- Flexible handle for narrow space.
- Size available: 60mm - 160mm.
- Length of chain: 520mm
- Handle is adjustable with 180, length 185mm.



**JTC-4734 FUEL FEED PIPE PLIERS**

- For removal and replacement of the connecting on the fuel filter.
- Use the special jaws to pull the connector backwards to remove the connector.
- Applications: BENZ, FORD, MAZDA, VW, AUDI, OPEL, FIAT, GM, BMW.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



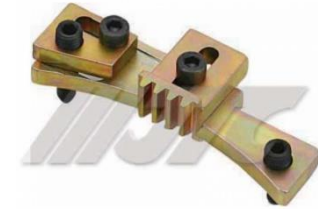
**JTC-4737 3/8" x 7 PCS DIESEL GLOW PLUG SOCKET SET**

- Special designed to easily remove and replace the glow plugs.
- 3/8" Dr. 6-point type
- Contents: Universal socket 8, 9, 10, 12, 14, and 16mm.  
Extension bar 3/8" x 3" (JTC - 3607)
- Socket length: 83mm



**JTC-4738 14 PCS ALTERNATOR COMBINATION SOCKET SET**

- Special designed two-part socket for removing and replacing the free wheel pulley when you want to replace the alternator or pulley.
- Contents:  
2 pcs 1/2" DR. bit socket: M10, T50 x 110L  
6 pcs 75mmL S2 power bit: M8, M10, H8, H10, T40, T50  
1 pc 10mm (hex) 1/2" DR. adapter  
5 pcs special reaction nut: #1 33T x 19.5mm,  
#2 33T x 19.2mm, #3 Hex x 17/21mm,  
#4 Hex x 28mm, #5 4p x 30.2mm
- Applicable: VW-AUDI, BMW, FORD, SKODA, BENZ, OPEL/VAUXHALL, PORSCHE, RENAULT, VOLVO, etc.



**JTC-4750 UNIVERSAL FLYWHEEL LOCKING TOOL**

- Special designed to lock the flywheel when the gearbox is dismantled.
- Can be adjusted axially and radically for almost universally by screwing in different stud bolts.
- Using range: 92 - 107mm



**JTC AUTO TOOLS USA**

678 - 876 - 3470  
2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4755 UNIVERSAL PIN SPANNER SET**

- Made of special steel to adjust or remove the twin-hole nuts.
- Replaceable pins and central adjustable nut for any size you need.
- Pin size: 2.5, 3, 4, 5, 6, 7, 8, 9mm, each size with two purchases.
- Overall length: 250mm
- Operation range: min. 19mm.



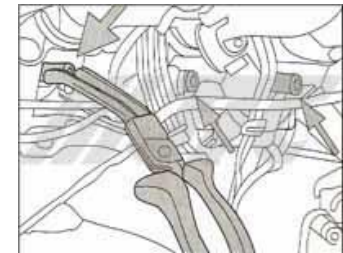
**JTC-4757 L-TYPE OPEN ENDED RING WRENCH SOCKET SET**

- Special designed to loosen and tighten nuts, and bolts in confined spaces such as fuel injector connections.
- 1/2" Drive. x 6pcs
- Contents: 12pt. open ended ring size 12, 14, 16, 17, 18, 19mm



**JTC-4758 GLOW-PLUG CONNECTOR PLIERS**

- Special angle designed to remove stubborn and hardly accessible glow plug connectors which installed on the latest generation engines.
- Applicable: BENZ, BMW, VW, Audi, etc.



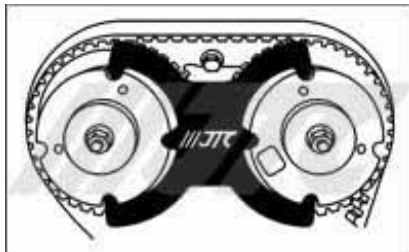
**JTC AUTO TOOLS USA**

678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-4763 FORD ENGINE TIMING TOOL SET**

- Installation and removal of camshaft/ variable camshaft timing unit.
- Checking and adjustment of timing.
- Applicable: Ford Focus/Cmax 1.6 Ti-vct 2003 later, 2.0 TDCi.
- Engine code: HXDA, G6DA, G6DB, G6DC 2003 later.



**JTC-4764 JAGUAR, LAND ROVER ENGINE TIMING TOOL SET**

- Flywheel locking tools and camshaft timing pins.
- Applicable: Ranger Rover Sport 2.7 TDV6, Jaguar S-type V6 TDVi.



**JTC-4767 UNIVERSAL BELT TENSION ADJUSTER SET**

- Complete range of tension lever and wrench for changing the cam belt on most petrol and diesel engines.
- Applicable: Alfa Romeo, Fiat, Citroen, Peugeot, Renault, VW, etc.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4771 DIESEL INJECTOR SEAT CUTTER SET**

- Special designed for cleaning and re-cutting injector seats on common rail diesel engines.
- Contents:
  - 4 pcs flat reamer: 15 x 19, 17 x 17, 17 x 19
  - 120° reamer: 17x21mm
  - 1 pc hex key
  - 1 pc bolt
  - 1 pc T-handle



**JTC-4772 UNIVERSAL CAMSHAFT SPROCKET PULLER**

- Special designed to remove the camshaft sprocket on a wide range of vehicles.
- Special jaws to hold the sprocket for removing the pulley.



**JTC-4773 DOUBLE CHAIN OIL FILTER WRENCH**

- Special double chain design for removing and installing oil filter.
- Powerful.
- Operation range: Ø60 - 115mm
- 1/2" Drive.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4774 CAMSHAFT SEAL INSTALLER**

- Special designed to install the cam seal in 4 and 6-cylinder.
- Applicable: MAZDA, NISSAN, TOYOTA, LEXUS, etc.



**JTC-4775 VOLVO COMPUTER CONTROL BOX REMOVER / INSTALLER**

- Special designed to remove and install the computer control box easily and safely.
- Applicable: VOLVO S40, S60, S70, S80, Xc90, etc.



**JTC-4776 FLOW METER COMMON RAIL SET**

- To measure rapidly and effectively the amount of fuel that every injector returns to the deposit tank, so that you will find if any injector is damaged.
- Possibility of simultaneous of up to 6 injectors.
- JTC-4777 is optional for it varies different adapters.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024





**JTC-4777 INJECTOR ADAPTERS FOR FLOW METER COMMON RAIL**

- Used with JTC-4776 Flow Meter Common Rail Set.
- Contents: 24 pcs injector adapters for BOSCH-01, SIEMENS, DENSO-03, and DELPHI, etc.



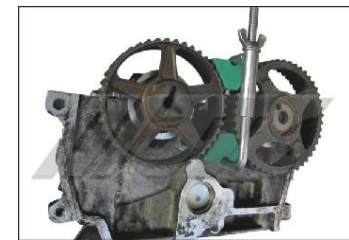
**JTC-4808 3 PCS SEAL PULLER SET**

- Quickly and easily remove O-ring or grease and oil seal.
- Special angle on the tool head provides a better work that the traditional seal pullers.
- 3 different lengths and tips fit nearly all applications.
- Simple to insert the tool tips, press and pull.
- Length: 117 / 165 / 150 mm



**JTC-4809 UNIVERSAL SPROCKET LOCKING DEVICE (TWIN CAM)**

- Universally adjustable for toothed pulleys spaced between approximately 5mm to 85mm apart.
- For engines with twin camshafts (CITROEN FIAT FORD HONDA RENAULT ROVER SAAB SUBARU TOYOTA VOLVO).
- For diesel engines to lock the camshaft and injection pump (VW-AUDI FORD SEAT SKODA).
- By inserting the locking tool in the drive pulleys during repairs or changing the timing belt.



**JTC AUTO TOOLS USA**

678 - 876 - 3470  
2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4811 FUEL HOSE PULLER**

- To remove the injector of high side adaptor of TOYOTA, NISSAN.
- Special specification to meet type of adaptor, ease of use.



**JTC-4821 CAMSHAFT PULLEY HOLDER (SUBARU)**

- Used for fixing timing belt, and easy to remove or install it.
- Front part with 12pt/160mm, could be used on belt of 6pt and 12pt.
- Applicable: SUBARU IMPREZA EJ20 engine.



**JTC-4823 CAMSHAFT PULLEY HOLDER (SUBARU)**

- Used for fixing timing belt, and easy to remove or install it.
- Front part with 3 points, which could fix the belt of FORESTER.
- Applicable: SUBARU FORESTER 2500 c.c.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4826 LONG HOSE PINCH-OFF CLAMP**

- Stops the oil flow and avoids damaging hoses.
- Adjustable for most kinds of flexible hoses, particularly for brake, fuel or cooling system hoses.
- Length: 310mm; extension hose clamp helps repair work.
- Maximum application: 25.4mm



**JTC-4850 BELT TOOL KIT FOR ELASTIC-RIBBED BELTS**

- Suitable for engines with elastic ribbed belts such as Alfa Romeo, BMW, Chrysler, Fiat, Ford, Mercedes, PSA, Seat, Skoda, Smart, Volvo, VW-Audi, etc.
- This tool set is quickly and easily removal, and installation of the new elastic ribbed belts required.



**INSTALL**



**REMOVE**



**JTC-4857 CHRYSLER TRANSMISSION DIPSTICK**

- Used in conjunction with factory repair literature to get correct fluid level measurements.
- Applicable: Dodge Sprinter and Chrysler Crossfire Transmission.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



#### JTC-4858 CHRYSLER TRANSMISSION DIPSTICK

- Used on vehicles equipped with a NAGI, 42RLE, CVT Transmission and the 62TE Transaxle.
- Applicable: 2005 & later Chrysler 300C, Dodge Charger, Magnum & Jeep Grand Cherokee; 2006 & later Jeep Liberty; 2007 & later Dodge Nitro, Avenger, Caliper, Chrysler Sebring, Compass & Patriot; 2008 & later Dodge Challenger.



#### JTC-4863 AIR BAG REMOVAL TOOL SET

- Tools to remove the air bag module from the steering wheel.
- Applicable:  
 FORD 2000 - 2004 TAURUS/SABLE, 1999 - 2003 WINDSTAR VAN.  
 GM 1999 - 2005 CHEVROLET IMPALA, LUMINA, MONTE CARLO, VENTURE;  
 PONTIAC BONNEVILLE, GRAND PRIX, MONTANA;  
 BUICK LE SABRE, CENTURY, REGAL; OLDS INTRIGUE;  
 CADILLAC EI DORADO, DEVILLE, STS, SLS.  
 MERCEDES BENZ MODELS 107, 123, 124, 126, 129, 140, 163, 164, 170, 201, 202, 203, 208, 209, 210, 211, 215, 219, 220, 221 & 463.



#### JTC-4865 4 PCS DIESEL INJECTOR NOZZLE SOCKET SET

- The set include 4 pcs diesel injector nozzle socket.
- 1/2" DR socket can use for SIEMENS and BOSCH injectors.
- Applicable: PEUGEOT and CITROEN with 2.0 engines (110 / 135HP) HDI engine.
- Size: G25, 27, 29 and 30mm.



#### JTC AUTO TOOLS USA

678 - 876 - 3470  
 2600 NORTHLAKE DR., SUITE F,  
 SUWANEE, GA, 30024



**JTC-4898 EXTRA LONG INTERNAL SPARK PLUG RETHREAD TOOL**

- Special designed for chasing spark plug threads from inside the cylinder head and working outward.
- Use the good threads at the base of port.
- Reduced dirt and metal debris from being driven into the cylinder head.
- Size: M12 x 1.25
- Length: 260cm
- Drive size: 13mm



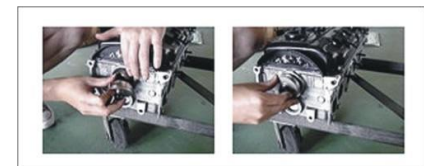
**JTC-4899 EXTRA LONG INTERNAL SPARK PLUG RETHREAD TOOL**

- Special designed for chasing spark plug threads from inside the cylinder head and working outward.
- Use the good threads at the base of port.
- Reduced dirt and metal debris from being driven into the cylinder head.
- Size: M14 x 1.25
- Length: 260cm
- Drive size: 13mm



**JTC-4901 UNIVERSAL CAMSHAFT SEAL REMOVER & INSTALLER**

- Allows the crank seal to be replaced without dismantling the crankcase saving your time and costs. Do not worry about scraping the crank surface.
- Universal use covering a wide range of cars with oil seals between 27mm and 58mm in diameter.
- The blue seal adapters are made of aluminum to prevent the damage of crank.



INSTALL



REMOVE



**JTC AUTO TOOLS USA**

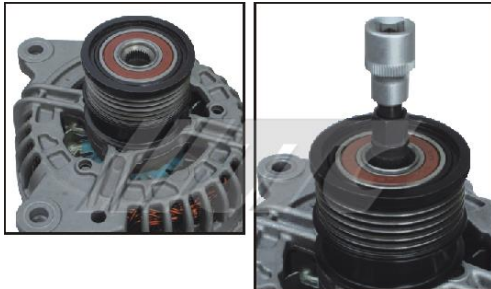
678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



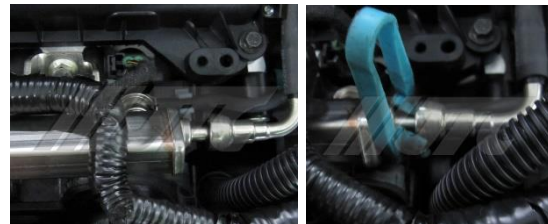
**JTC-4922 ALTERNATOR PULLEY REMOVER**

- Special designed to stop the pulley and remove the center bolts to remove the V-belt pulley at the generator.
- 3/8" DR. x M10 / 12mm x 31T (O.D = 14mm).
- Applicable: GM, OPEL, FIAT, ALFA.



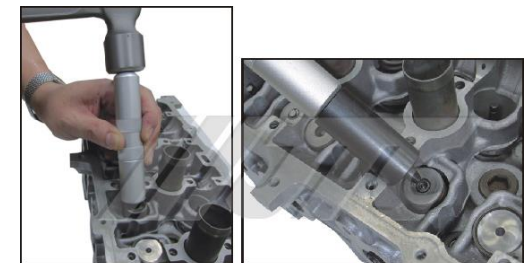
**JTC-4943 FUEL HOSE PULLER**

- Special specification to meet type of adaptor.
- To remove the fuel hose adapter easily.
- Applicable : FORD, MAZDA, and GM, etc.



**JTC-4944 VALVE KEEPER REMOVER AND INSTALLER KIT**

- Special designed for using on all engines with overhead valves.
- Valve springs will not be bended or loosen. Works on gas or diesel engines.
- Fits most overhead valve applications.
- Magnet in tool body captures keepers for quick removal and valve disassembly
- Quickly removes and installs valve keepers on most overhead valve engines.
- Works on valve stems from 4.5 to 7.5mm and 5/16" to 3/8".



Removing

Installing



**JTC AUTO TOOLS USA**

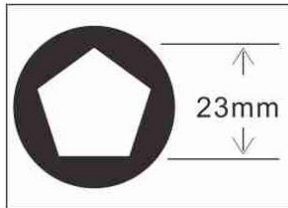
678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-5215 TOYOTA, LEXUS SPARE WHEEL SCREW SOCKET**

- Use with 3/8" drive wrench.
- Size: 3/8" Dr. x 23mm 5PT x 100 L.
- For using on spare tire screw of TOYOTA, LEXUS.



**JTC-5826 RAIN & LIGHT SENSOR REMOVER TOOLS**

- These tools are designed to remove soft-glued rain and light sensors of most vehicles such as Chrysler, Jeep, Mazda, Mercedes - BENZ and BMW.
- These three removal tools can remove about 90% of rain and light sensors on the market.



**JTC-1028A CURVED HOSE CLAMP PLIERS**

- Fingertip "position lock" to keep hose clamps spread open.
- Convenient for replacement of lower radiator hose.
- 45° designed to fit some clamp in deep position.
- Body thickness: 4mm



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1213S DIESEL OIL FILTER REMOVER SET**

- Includes 1213 Diesel oil filter wrench X 1, 1214 Diesel oil filter switch wrench X 1.
- Applicable: MITSUBISHI CANTER model and most diesel engine.



**JTC-1225E FUEL INJECTION TEST SET – EUROPEAN CARS**

- The set is designed for most European cars.
- Pick up the joints and adapters from #1225.
- Model No.: A, AC, C, D, G, F, M x 2, H, J, HA, I, L, K x 2, KA, KB, KC, B, RK, and IM.
- All the specification is the same as #1225.



**JTC-1225J FUEL INJECTION TEST SET – JAPANESE CARS**

- The set is designed for most Japanese cars.
- Pick up the joints and adapters from #1225.
- Model No.: A, AC, D, F, E, N, O, P, Q, R, RA, RK, IM, MA, and MCA.
- All the specification is the same as #1225.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024





**JTC-1312A ADJUSTABLE FUEL TANK LID REMOVER**

- Jaw adjustable range: 122 ~ 199mm, suitable for different fuel tank lid.
- Special jaws design to remove and install the tank closely.
- Use with 3/8" DR. wrench.
- Patented.



**JTC-1344A HOSE PINCH-OFF PLIERS**

- Special patented design to keep the clamp always equal standing for locking the hose tightly.
- With the teeth, inside of the handle, to lock and release the spring.
- Max. opening: 20mm
- Length: 8"



**JTC-1345A HOSE PINCH-OFF PLIERS**

- Special patented design to keep the clamp always equal standing for locking the hose tightly.
- With the teeth, inside of the handle, to lock and release the spring.
- Max. opening: 26mm
- Length: 10"



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1346A HOSE PINCH-OFF PLIERS**

- Special patented design to keep the clamp always equal standing for locking the hose tightly.
- With the teeth, inside of the handle, to lock and release the spring.
- Max. opening: 45mm
- Length: 12"



**JTC-1621A UNIQUE COMPRESSION TESTER KIT**

- Diameter: 70mm gauge, with rubber cover.
- Provide calibrations 0 - 300psi, 20kg/cm<sup>2</sup>, 20-bar.
- 380mm steel wire insert hose with 12, 14, 18mm adapter.
- 200mm aluminum tube, with rubber plugs in the front.



**JTC-1904N VALVE ADJUSTING TOOLS**

- For overhead camshaft engines using spacer shims.
- This unique tool has been designed to allow for easy valve adjustment on all NISSAN'S, and many other overhead camshaft engines using spacer shims for valve adjustment in operation.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-1904T VALVE ADJUSTING TOOLS**

- For overhead camshaft engines using spacer shims.
- This unique tool has been designed to allow for easy valve adjustment on all TOYOTA'S LEXUS and many other overhead camshaft engines using spacer shims for valve adjustment in operation.



**JTC-4156A PORSCHE ENGINE TIMING TOOL SET**

- This comprehensive set of tools enables to correct engine timing to be made when replacing the timing belt.
- To adjust chain of V8 engine.
- Applicable:  
PORSCHE CAYENNE V8 4.5L, 4.8L  
PANAMERA V6 3.6L



**JTC-4160A OIL FILTER SOCKET  
(LAND ROVER, HYUNDAI / KIA)**

- Use with 1/2" Dr. tool or 21mm wrench.
- Spec: 15P/90mm
- Applicable: LAND ROVER, HYUNDAI/ KIA



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



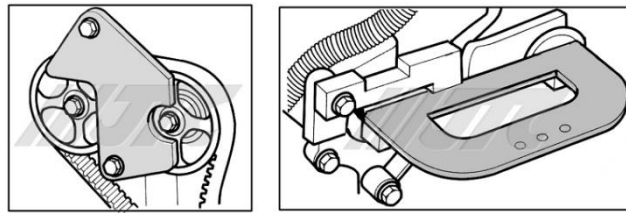
**JTC-4277A SUBARU CAMSHAFT ALIGNMENT TOOL**

- Special designed to align the camshaft timing while replacing the timing belt.
- SM number: 499207300 (new).
- Only one bar required to do the job.
- Applicable:  
SUBARU 2.5L DOHC non-turbo engines, Impreza, Legacy, SVX.  
STi 2.0L EJ20 (2002 - 2005)  
STi 2.5L EJ25 (2005 - 2014)



**JTC-4677A RENAULT ENGINE TIMING TOOL SET**

- This new camshaft pulley setting tool holds two pulleys in place while changing the cam belt, and correct engine timing to be performed when changing the timing belt.
- Applicable:  
Renault 16V & K4J, K4M & F4P, F4R.  
1.4 16V K4J.  
1.6 16V K4M.  
1.8 16V F4P & F4R (Langunall).



**JTC-4842A 27 PCS RADIATOR PRESSURE TESTER (MULTI-FUNCTION)**

- Functions: radiator pressure tester, radiator lid tester, and vacuum purge and refill tool.
- Various adapters to meet most models.
- Material: Made of hard and durable Nylon66.



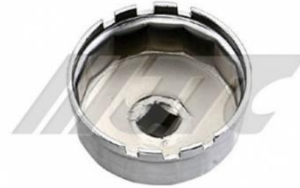
**JTC AUTO TOOLS USA**

678 - 876 - 3470  
2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



**JTC-4859A TOYOTA, LEXUS OIL FILTER SOCKET**

- Designed for removing the aluminum oil filter.
- Size: 1/2" Dr., 64.5mm, 14PT.
- Material: Made of high quality steel.
- Applicable:  
TOYOTA: 3.5L since 2007.  
LEXUS: IS250, IS350, GS300, GS350, GS450HE, S350, RX350, LS460, LS600H.



**JTC-4904A TOYOTA OIL FILTER SOCKET**

- Special designed for plastic oil filter cap of TOYOTA.
- Easier to use in limited spaces.
- Use with 1/2" Dr. tool or 21mm wrench.
- Material : Made of high quality steel.
- Size : 64.5mm, 14PT.



**JTC-4917S 8 PCS SPECIAL SOCKETS SET**

- Special ribe and pentagon sockets for removing some special screws on vehicle. Such as engine head screws, idle wheel center screws, etc.
- Contents :
  - ☸ : Ribe sockets: 1/2"DR. x M6S, M8S, M10S, M12S.
  - ⬡ : Pentagon sockets: 1/2" DR. x 10, 12, 14, 19 mm.





**JTC AUTO TOOLS USA**

678 - 876 - 3470  
2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024



***JTC-4918S 10 PCS SPECIAL SOCKETS SET***

- Special ribe and pentagon sockets for removing some special screws on vehicle. Such as engine head screws, idle wheel center screws, etc.
- Contents:
  -  Ribe sockets: 1/2" DR. x M6S, M8S, M10S, M11S, M12S.
  -  Pentagon sockets: 1/2" DR. x 10, 12, 14, 19mm; 3/8" DR x 23mm.



**JTC AUTO TOOLS USA**

678 - 876 - 3470

2600 NORTHLAKE DR., SUITE F,  
SUWANEE, GA, 30024