



ATD-5550

Automatic Transmission and Engine Oil Pressure Tester Owner's Manual



- Checks oil pressure in automatic transmissions and gasoline engines
- Tests major model domestic and foreign cars and light trucks
- More accurate than dashboard oil pressure gauges
- 6 ft. of nitrile (oil proof) hose to make testing easier
- Standard and metric fittings
- 2-1/2" gauge has dual scale dial with ranges from 0–300 psi and 0–21 BAR
- ATD-5551 Replacement Oil Pressure Gauge for ATD-5550

WARNING

WARNING: This product contains chemicals, including lead, known to the State of California to cause cancer, birth defects or other reproductive harm. *Wash hands after handling.*

WARNING / ADVERTENCIA / ATTENTION



Flying particles can cause eye injury

- Wear safety goggles.
- Be sure all connections are secure.
- Do not use gauge while engine is running.

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Burn Risk

- Do not touch engine components that are hot.



Moving parts can cause injury

- Keep yourself, clothing and test equipment



Clear plastic lens on gauge can break

- Do not drop or hit gauge face.
- Do not use gauge if clear plastic lens is cracked or broken.

INSTRUCTIONS FOR AUTOMATIC TRANSMISSION AND ENGINE OIL PRESSURE TESTER

NOTES: The instructions for testing automatic transmissions are so lengthy that it is impossible to give them here. Consult your Factory, Chilton, Mitchell, or Motor manual for instructions and specifications.

To find the appropriate adapter for the application, it is recommended that you remove the test port plug/pressure switch and match the thread with the proper adapter.

TO TEST ENGINE OIL PRESSURE:

1. Remove low oil pressure switch.
2. Attach tester, using appropriate adapter(s) for the engine.
3. Start engine.
4. Read pressure on gauge.
5. Check specifications in your Factory, Chilton, Mitchell or Motor manual to see if car is within normal range.
6. Remove tester with engine off.
7. Replace low oil pressure switch.

ADAPTERS / REPLACEMENT PARTS

Brass	US pipe threads– 1/16", 1/8", 1/4", 3/8" NPT
Steel	Fractional size on male threads 1/8"–27 NPT on female threads
Aluminum	Metric size on male threads 1/8"–28 BSPT male adapter 1/8"–27 NPT on female threads

Adapters included in:

- ✓ *Standard set (ATD-5550)* X *Quick change set (ATD-5608)*
 ▼ *Deluxe set (TU-11A)*

- ✓ 23002 2-1/2" gauge, 0-300 PSI
 and 0-21 bar
 ▼ 24008 3-1/2" gauge, 0-400 PSI
 and 0-28 kg/cm²
 X 70406 3-1/2" gauge with quick coupler
 0-400 PSI, and 0-28 kg/cm²
 X 70407 2-1/2" gauge with quick coupler
 and hang hook, 0-100 PSI and
 0-7 bar
 ✓ 70400 6-ft. hose assembly for standard
 ▼ 70401 6-ft. hose assembly for deluxe
 X 70405 6-ft. hose assembly with quick
 connect for quick change

Brass Adapters

- ✓ ▼ X 10401 1/8" male NPT, pipe nipple
 ✓ ▼ X 10402 1/8" female NPT, coupling
 ✓ ▼ X 10403 1/8" male x 1/8" female,
 street elbow
 ✓ ▼ X 10404 1/8" male x 1/4" male, hex nipple
 ✓ ▼ X 11041 1/4" male x 1/8" female NPT,
 hex bushing

- ✓ ▼ X 11042 3/8" male x 1/8" female NPT,
 hex bushing
 X 60409 1/16"-27 male NPT adapter

Aluminum Adapters

- ✓ ▼ X 60406 male M8-1.00 taper
 ✓ ▼ X 60407 male R1/8"-28 BSBT taper
 ✓ ▼ X 60408 male M10-1.00 taper
 X 70412 M12-1.50
 X 70414 M14-1.50
 X 70418 M18-1.50
 X 70422 M8-1.00
 X 70423 M8-1.25
 X 70424 M10-1.00
 X 70425 M10-1.25
 X 70426 M16-1.50

Steel Adapters

- X 70411 5/16"-24
 X 70427 7/16"-20
 X 70429 M16 x 2.0

See your local tool dealer for adapters not included in your set.