

NEW TOOLS

ENGINE

- A. 40006/8** Item for pulling oil pump and ignition distributor drive shaft rear bushing - use with **A. 40006/1**.
- A. 40036** Puller, water pump driven gear.
- A. 50133** Wrench, crankshaft cranking - front section.
- A. 60003/2** Spacer - use with intake and exhaust valve guide remover and installer **A. 60003/1**.
- A. 60374** Tool, holding flywheel when fitted to crankshaft.
- A. 60375** Tool and item for locating water pump impeller and driven gear.
- A. 60376** Flange and bushing, crankshaft placing on grinding machine.
- A. 60377** Adapter, fitting « Goetze » oil shield to intake valve guide.
- A. 60378** Tool, holding tappets when cap plates are renewed.
- A. 60379** Drift, pressing out piston pin from con rod and piston - use with **A. 95614**.
- A. 60380** Installer, piston pin to con rod and piston (hot).
- A. 60381** Plate and items, cylinder head hydraulic leakage test - use with hand pump **Ap. 5048**.
- A. 60382** Drift, removing and installing oil pump and ignition distributor drive shaft front bushing and installing rear bushing.
- A. 60707** Plate, pressing out replacement cylinder liners (96 mm diam.).
- A. 62527** Hook, crankcase lift - use with **A. 60519**.
- A. 70526** Cross member, supporting engine and transmission at front when engine mountings are removed and installed - use with item **A. 70526/7**.
- A. 90364** Reamer, oil pump and ignition distributor drive shaft bushings.
- A. 94108** Grinding wheel (45°), intake and exhaust valve seat.
- A. 94109** Cutter (20°), narrowing intake valve seats.
- A. 95614** Fixture, piston pin drag check and support of con rod and pin when removed from piston.
- A. 96140** Master gauge (96 mm diam.), zero setting of cylinder bore dial indicator.
- A. 96217** Gauge, checking depth of combustion chamber when cylinder head is ground.

- D. 15066** Support, engine removed.
- I. 35130/1** Hose, engine test bench gas exhaust.
- I. 35130/2** Flange, engine-to-test bench coupling.
- I. 35130/3** Mountings, side, engine to test bench.
- I. 35130/4** Mounting, rear, engine to test bench.
- Ar. 22205/16** Clamps, engine to service stand **Ar. 22204**.

CLUTCH

- A. 70220** Pilot pin, locating driven plate to engine.

TRANSMISSION (MANUAL-SHIFT)

- A. 45036** Puller, constant mesh and main shaft ball bearings.
- A. 45037** Item for pulling 4th and 5th speed hub.
- A. 56125** Wrench, oil drain and level inspection plugs.
- A. 70224** Item for direct drive shaft cover installer - use with grip **A. 70007**.
- A. 70231** Tool, compressing mainshaft gear train to check case end play and installing main and direct drive shaft ball bearings.
- A. 70233** Drift, installing mainshaft synchroniser hubs on press.
- A. 70235** Item for installing countershaft roller bearing.
- A. 70539** Support, transmission on service vice.
- A. 95724** Fixture, transmission to drive line alignment check (on vehicle).

DIFFERENTIAL

- A. 55091** Socket (41 mm), bevel pinion bearing nut.
- A. 70221** Installer, bevel pinion rear bearing cone.
- A. 70222** Gauge, bevel pinion shim pack thickness - use with **A. 95690**.
- A. 70223** Tool, holding bevel pinion when nut is turned.
- A. 74108/8** Remover, axle shaft bearing and lock ring - use with **A. 40005/2/10**.
- A. 74213** Installer, axle shaft bearing and lock ring, on press.
- A. 95601/8/9** Items, axle shaft bearing lock ring drag test - use with fixture **A. 95601**.
- Ar. 22206/15** Support, differential - use with service stand **Ar. 22204**.

FRONT AND REAR SUSPENSION

- A. 57094** Remover and installer, front shock absorbers.
- A. 57095** Wrench, front and rear shock absorber stem location ring.
- A. 74211** Tool, compressing front suspension to remove and install torsion bars and control arms.
- A. 74214** Remover and installer, rear suspension lower control arm resilient bushing.

WHEELS AND HUBS

- A. 47056** Puller, ram, front wheel hub caps.
- A. 57096** Wrench, front wheel hub bearing nut-fitted with torque wrench coupling end.
- A. 74140/6** Heads, pair of, staking rear wheel hub nuts - use with pliers **A. 74140/1**.
- A. 74140/8** Ditto, for front wheel hub nuts.
- A. 74212** Installer, front wheel hub caps.
- A. 74215** Item for fitting front and rear wheel bearing and hub pack in position - use with **A. 40005/2/10**.

BRAKES

- A. 72254** Adjuster, brake pressure regulator.

EXISTING TOOLS

ENGINE

- A. 40006/1** Puller, ram - use with **A. 40006/3**.
- A. 40006/3** Item for pulling clutch shaft pilot bushing.
- A. 50013** Wrench, hose clamp tightening.
- A. 50130** Wrench (21 mm, hex.), oil pressure gauge sending unit.
- A. 60003/1** Remover and installer, intake and exhaust valve guide - use with spacer **A. 60003/2**.
- A. 60018** Plug, spark plug bore during valve sealing test.
- A. 60041** Support, cylinder head, during valve seat refacing.
- A. 60041/2** Holder, valve seal tester - use with **A. 60148**.
- A. 60148** Tester, valve seal.
- A. 60162** Pressure gauge and connector, oil pressure check.

- A. 60183** Installer, piston ring.
- A. 60186** Crank, valve timing check.
- A. 60311** Remover and installer, engine valve.
- A. 60312** Remover, cartridge oil filter.
- A. 60605** Installer, piston (standard and oversize).
- A. 60511** Fixture, engine lift.
- A. 70526** Cross member, engine support with front axle removed - use with item **A. 70526/7**.
- A. 86010** Installer (10 mm diam.), crankshaft Welch plugs.
- A. 86020** Installer (20 mm diam.), camshaft end Welch plugs.
- A. 86025** Installer (25 mm diam.), cylinder block Welch plugs.
- A. 90311** Reamer (9 mm diam.), valve guide bores.
- A. 94016** Spindle, actuating plug seat cutter.
- A. 94016/10** Cutter, crankshaft Welch plug seats - use with spindle **A. 94016**.
- A. 94046** Cutter (20°), valve seat narrowing.
- A. 94058** Spindle, cutter operating.
- A. 94069** Arbor, grinding wheel.
- A. 94096** Cutter (75°), valve seat narrowing.
- A. 94105** Pilots (9 mm diam.), pair of, valve seat refacing.
- A. 95113** Gauge, feeler, tappet adjustment.
- A. 95683** Tester, cylinder compression.
- A. 95858** Device (hydrometer - thermometer) to measure «Parafu» liquid concentration in permanent coolant type circuits.
- Ap. 5066** Tester, cooling system leakage.

CLUTCH - TRANSMISSION - PROP SHAFT

- A. 55035** Wrench (19 mm), transmission removal and installation, engine not removed (cars with manual-shift transmission).
- A. 70025** Installer, prop shaft flexible joint (cars with manual-shift transmission).

SUSPENSION AND WHEEL HUBS

- A. 47017** Puller, ram, front and rear wheel hubs.
- A. 47038** Puller, front control arm ball studs.
- A. 57059** Wrench (22 mm), front shock absorber piston plug.
- A. 74053** Remover and installer, rear suspension cross rod bushings.
- A. 74077** Remover and installer, control arm-to-rear wheel hub bushings.
- A. 86511** Wrench (17 - 19 - 22 mm), wheel nuts.

STEERING AND BRAKES

- A. 47033** Puller, idler arm.
- A. 47035** Puller, track rod end ball studs.
- A. 47050** Puller, pitman arm.
- A. 55084** Wrench, steering column bearing adjuster nut.
- A. 56124** Wrench, brake pressure regulator disassembly.
- A. 57005** Wrench (24 mm), steering wheel fixing nut.
- A. 95736** Gauge, wheelbase.
- Ap. 5107** Gauge, front wheel toe-in.

ELECTRICAL

- A. 50087** Wrench, spark plugs.
- A. 50095** Wrench (13 mm), starting motor removal and installation - engine not removed (cars with manual-shift transmission).
- A. 76027** Remover, alternator negative diodes - use with arbor press **M. 1034**.

- A. 76028** Installer, alternator negative diodes - use with arbor press **M. 1034**.
- A. 76029** Support, alternator negative diodes removal - use with arbor press **M. 1034**.
- A. 76031** Support, alternator negative diodes installation - use with arbor press **M. 1034**.
- A. 76032** Plate, holding alternator diode installers and supports - fit to arbor press.
- A. 76035** Tool, holding alternator support when oversize diode seats are refaced.
- A. 90340** Reamer, alternator oversize diode seats - use with **A. 76035** and electric mill.

BODY

- A. 78010** Installer, body side drip channel moulding.
- A. 78023** Installer, drip channel and dashboard moulding rivets.
- A. 78031** Suction grips, pair of, windshield and rear window glass handling.
- A. 78032** Removers, pair of, windshield and rear window mouldings.