

THE COMPLETE TC / TD / TF TUNE - UP

NAME _____ YEAR _____ MODEL _____

MILEAGE _____ DATE _____ INITIAL _____

PRELIMINARIES

- _____ Test Drive - How quickly does the engine reach operating temperature? There must be half tank of petrol.
- _____ PCV System - check for leaks between head & manifold, manifold & carbs, manifold fittings, and throttle shafts
- _____ Change oil and filter, if necessary.

ENGINE

- _____ Check compression 1 2 3 4
- _____ Clean (or replace) CHAMPION L-86 or N-5 and gap plugs to 0.035" unless fitted with original coil (0.025")
- _____ Inspect cylinder head to ensure reach: ½" = L ¾" = N
- _____ Change Thermostat and gasket, if necessary. Thermostat Temp: Coolant Temp:
- _____ Remove Valve Cover (Change gasket if necessary) and torque head to 45 ft-lbs (oiled and hot)
- _____ Adjust valves to 0.015" or _____
- _____ Start engine and examine camshaft movement / noisy valves:
- _____ Recheck Compression: 1 2 3 4
- _____ Replace Valve Cover (silicone gasket to head)
- _____ Tighten fan belt.

IGNITION SYSTEM

- _____ Remove and clean cap and wires, test wire resistances C _____ 1 _____ 2 _____ 3 _____ 4 _____
- _____ Remove distributor, disassemble, inspecting and cleaning each part, fit new points & condenser.
- _____ Set point gap to: Symmetric 0.010-0.012" Asymmetric 0.010-0.012" High Lift 0.014-0.016"
- _____ Remove Coil to wash, inspect, and test
- _____ Refit distributor coated with grease, refit cap and wires

CARBURETTORS

- _____ Remove suction chambers, float bowl lids, clean within and without. Clean bodies and linkages.
- _____ Check fuel delivery - change filter if necessary.
- _____ Disassemble air cleaner, cleanse, and immerse (wire style) in oil

TUNE

- _____ Check dwell: Symmetric 41 - 49° (45°) Asymmetric 45 - 53° (49°) High Lift 57 - 63° (60°)
- _____ Adjust timing to 13° at idle; or adjust 0° static
- _____ Allow to rise to operating temperature. Disconnect interconnecting linkages. Set air flow and mixture.
- _____ Engine off, adjust choke linkages so that the jets drop simultaneously.
- _____ Restart and set fast idle to 1600 maximum.
- _____ Replace air cleaner oil mesh or fill oil bath
- _____ Test Drive