ITEM T81/10
SUBJECT: LAMBDA OXYGEN SENSOR CONTAMINATION
MODELS: All Fuel Injected Vehicles

Dealers should be aware of the possibility of damage to the Lambda Oxygen Sensor by the high lead content of some brands of proprietary anti-seize pastes. Lead free anti-seize paste such as "Never-Seize" should be applied sparingly to the threaded portion of the sensor. Liquid or aerosol spray type mixtures must not be used.

Recent industry tests also indicate that silicone sprays such as belt dressings and waterproofing sprays can contaminate the Lambda sensor and destroy the voltage signal. For this reason, spraying under the hood with silicone sprays must be avoided.

H.C.T.

ITEM T81/11
SUBJECT: CONSTANT ENERGY IGNITION SYSTEM FITTING
MODELS: TR7 (Lucas Ignition System)

The following procedure should be followed when fitting Constant Energy Ignition systems to TR7 vehicles.

REMOVE THE ORIGINAL DISTRIBUTOR:- (45 DE)

1. Set engine to No. 1 cylinder firing and normal static timing (see appropriate workshop manual).
2. Disconnect the battery.
3. Remove the heater system air scoop.
4. Remove distributor cap and note the position of the distributor body. Rotor arm should also line up with No. 1 spark plug lead (Figure 1).
5. Disconnect 3 pin LT Connector and vacuum pipe (if fitted).
6. Remove the two distributor securing bolts and remove distributor and clamp plate.

FIT NEW DISTRIBUTOR:- (45 DM)

1. Remove distributor cap.
2. Fit the distributor to the engine with the body and rotor arm in the same position as the original distributor. Tighten the mounting clamp plate to the engine.
3. Remove rotor arm and anti-flash shield and carefully adjust distributor body to line up the nearest limb of the timing reluctor with the pick-up coil limb (Figure 2).
4. Tighten the clamp plate bolt. Replace the anti-flash shield and rotor.
5. Using the original distributor cap as a guide, ensure that No. 1 cylinder spark plug lead lines up with the rotor arm. Reposition if necessary.
6. Fit the new distributor cap and transfer the HT leads.
7. Connect vacuum pipe (if fitted).

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