

FIAT SERVICE LETTER

SUBJECT: SPARK PLUGS

VEHICLES: ALL MODELS

CONDITION: Warranty claims are being received from dealers who are unnecessarily replacing spark plugs when they need only to be cleaned.

CAUSE: The fouling of the plugs happens mainly on new cars from improper use of the choke during shipment or storage.

CORRECTION: Normal plug cleaning, filing, and setting of air gap is required during P.D.I. The plugs returned to us still have the protective coating sprayed on the engine for shipment. The cleaning of the insulator must be done to prevent a "flash over" of the spark.

Attached are instructions for properly cleaning and gapping spark plugs. Please follow this procedure when plug trouble is experienced:

1. During the P.D.I. service
2. Prior to retail delivery
3. Any time trouble is experienced

WARRANTY INFORMATION : Spark plugs are warrantable only if there is a definite defect in the plug itself.

READ, INITIAL AND PASS ON

Service Manager	Parts Manager	Service Writer	Technician

SPARK PLUG CLEANING PROCEDURE

1. Inspect the spark plug. Clean plug - outside ceramic insulator and threads. Look for physical damage. If any, replace plug.
2. Partly bend open the ground electrode being careful not to damage the center electrode insulator. Remove combustion deposits using a dry abrasive type of cleaner. Remove dry abrasive with air blast.

CAUTION: Excessive use of sand blasting will damage the surface of the insulator material. NEVER use a power wire wheel.

3. Remove any oil or chemical deposits from the center electrode insulator with a solvent. The solvent should be completely removed with compressor air.

NOTE: Use a clean solvent such as lacquer thinner which will not leave residue. Carburetor cleaner CANNOT be used.

4. Use a point file to file the end of the center electrode flat. File the underside of the ground electrode until a new shiny surface appears.

NOTE: Filing will remove insulating deposits that cannot be reached by sand blasting.

5. Using a round wire type gauge, bend the ground electrode until the exact gap is reached. Use gap size as listed on your Fiat specification charts or engine compartment plate.

CAUTION: Plug gapping pliers can damage the plug - use with care.