



Studebaker

AUTOMOTIVE SALES CORP.

SOUTH BEND 27, INDIANA

SERVICE LETTER

SUBJECT IMPROVED STARTING - MODELS EQUIPPED
WITH JET-THRUST ENGINE

NUMBER J-1963-6

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Passenger Car Technical Service

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Under certain conditions of operation you may encounter excessive cranking time on Avanti models and Lark, Cruiser or Hawk models equipped with a Jet-Thrust engine. This condition can be minimized by use of an ignition by-pass wire. Further, over-choking during the warm-up period may cause loping or engine roughness. This condition can be corrected by resetting the automatic choke.

Ignition By-Pass Wire - Recently produced Avanti models and Lark, Cruiser, and Hawk models equipped with Jet-Thrust engine incorporate an ignition by-pass wire which is connected between the 'Ign' terminal on the starter solenoid and the positive (+) terminal on the ignition coil. This wire by-passes the external ignition coil resistor and provides full battery voltage to the coil and improved starting while the starter motor is in operation.

When a condition of hard starting exists in an Avanti model or a Lark, Cruiser or Hawk model, equipped with a Jet-Thrust engine, determine if there is a wire (green w/black tracer) connected between the 'Ign' terminal on the starter solenoid and the positive (+) terminal on the ignition coil. If this wire is not in the circuit, install the new By-Pass Wire, Part No. 1560412, as follows:

1. Connect the By-Pass Wire, Part No. 1560412, between the 'Ign' terminal post on the starter solenoid and the positive (+) terminal (ignition switch side) of the ignition coil.
2. Route the by-pass wire along the chassis wiring harness and tape it to the harness at several points, making certain it clears all moving parts.
3. On Avanti models make certain to route the wire so that it will clear the bottom of the center ignition emission shielding cover, when the cover is in the installed position.

CAUTION - Disconnect the by-pass wire from the 'Ign' terminal on the starter switch to avoid the possibility of an engine starting while making under-the-hood cranking tests with the use of a remote control switch.

The Starter Solenoid-To-Ignition Coil Wire Cable (By-Pass Wire), Part No. 1560412, is available, on order, from your parts Depot.

Choke Setting - If a loping or an over-choking condition exists during the warm-up period, on an Avanti, or Lark, Cruiser or Hawk model equipped with Jet-Thrust engine, set the choke one or two notches lean, as required, from the index mark.

CRM/et