



**UNITED
TECHNOLOGIES
CARRIER**

Commercial Division
Carrier Corporation

BULLETIN: CA-SB-19-D-77-85
DATE: 7/15/77
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SERVICE BULLETIN

SUBJECT:
OIL PUMP DESIGN CHANGE: NEW TERMINAL (FUSITE)

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PURPOSE

To inform the field of the availability in the Service Parts Center of a new oil pump terminal (Fusite), and that it will be used in future production.

MACHINES AFFECTED

19DG, 19EA, and 19FA machines shipped from the factory after October 1977 will have the new terminal (Fusite).

19 Series machines which used spark-plug terminals (Fig. 1) or compression-type terminals (Fig. 3) may be changed to Fusite.

PROCEDURE

Any spark-plug terminal, Part No. 19EA41-2082 (Fig.1), which is found to be leaking should be replaced by the Fusite (Fig. 2).

The new Fusite Terminal Kit, Part No. 19DA66-0003, will contain:

<u>Quantity</u>	<u>Item</u>
3	Terminal, Part No. HY85FP060
3	Reducer Bushing, 1/4 x 1/8 NPT
3	Right Angle Solderless Terminal Connector
1	Installation Instructions

The compression-type terminals (Fig. 3), used in the 19D, DA, and early DG machines, are inserted into 7/16" holes in the casting. The tap drill size for 1/4 NPT is 7/16, so these holes can be tapped for 1/4 NPT and then the terminal kit can be used.

INSTALLATION INSTRUCTIONS

The installation instructions included in the Fusite Terminal Kit read:

- Disconnect external leads and remove oil pump.
- Disassemble oil pump and disconnect internal leads.
- Remove existing terminals.
- Install reducer bushings, using Loctite Filled Pipe Sealant.
- Install terminals, using Loctite Filled Pipe Sealant.
- Connect internal leads and assemble oil pump.
- Replace external lead connections with right angled connectors provided.

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Oil Pump Terminals

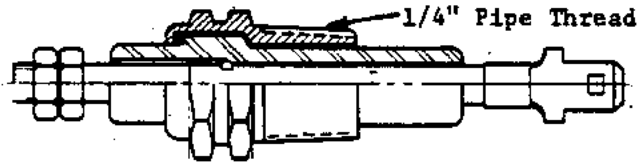


Fig. 1. Auburn Spark-Plug Terminal, Part No. 19EA41-2082

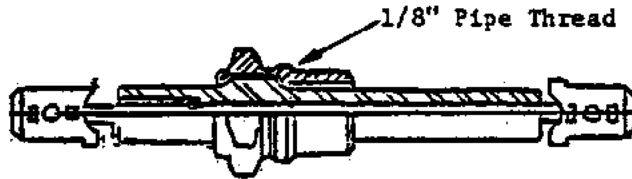


Fig. 2. New Fusite Terminal, Part No. HY85FP060

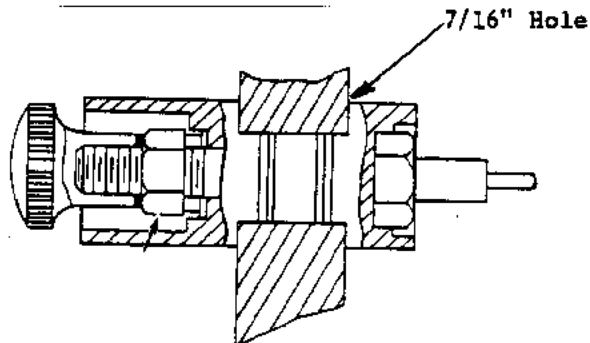


Fig. 3. Compression-Type Terminal