Technical Service Bulletin

Cobra Motorcycle Mfg.

240 Uran Street
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(517) 437 9100 phone
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TSB0606: New Three Wire Stator Application to Older Bikes.

December 8, 2005

On older Cobra motorcycles the stator leads leave the engine cases through a hole (Figure 1) and not a slot as in later years. Because of this, and the fact that the hole is smaller than the width of the 3 wire connector it is not possible to route the new three wire stator lead up through the engine cases with the connector attached.

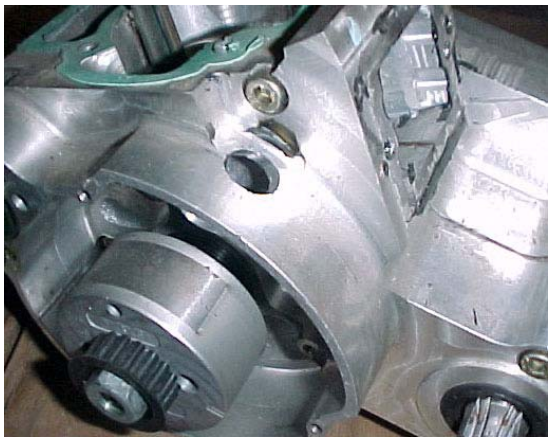

Figure 1

For customers with this situation, the three-pin connector must be removed from the leads. Upon request, Cobra can send the new 3 wire stators out with the connectors removed or the dealers and customers can remove them themselves.

This document helps remove the connector as well as reassemble the connector to the wires if need be.

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Connector Removal.

1. Remove the red locking device from the front of the connector with a small pick (Figure 2).

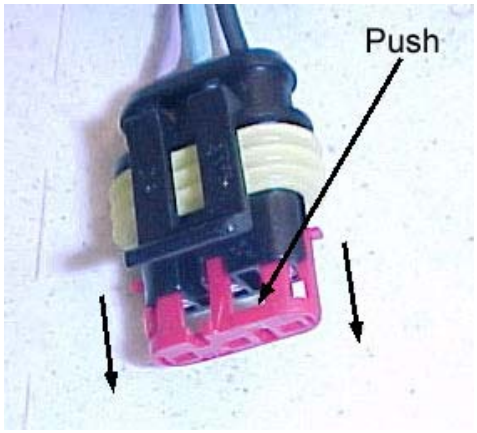

Figure 2

2. Insert a pick in the hole above the connector terminal (as shown) and rotate as to push up on the top surface of the hole while pulling the wire with the other hand.

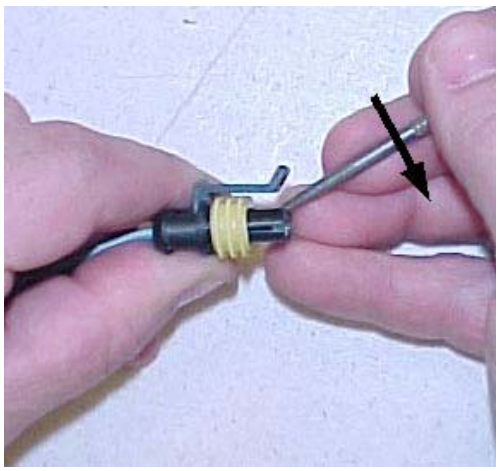

Figure 3

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Connector Installation.

1. Observe the pin numbers on the connector with respect to the orientation of the connector and color of wires.

Pin #	Wire Color
1	Purple
2	Blue
3	Black

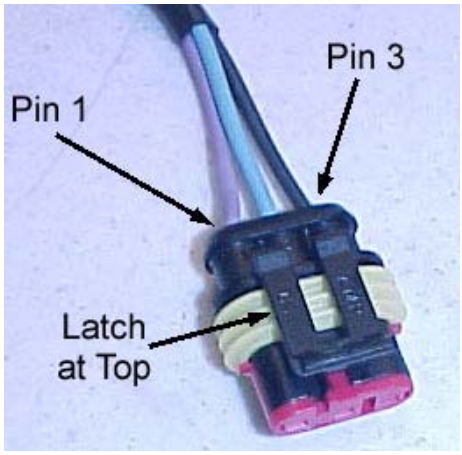

Figure 4

2. Install the terminals, with wires, into the appropriate hole from the back of the connector, paying careful attention to the orientation of the terminal with respect to the orientation of the connector (Figure 5).

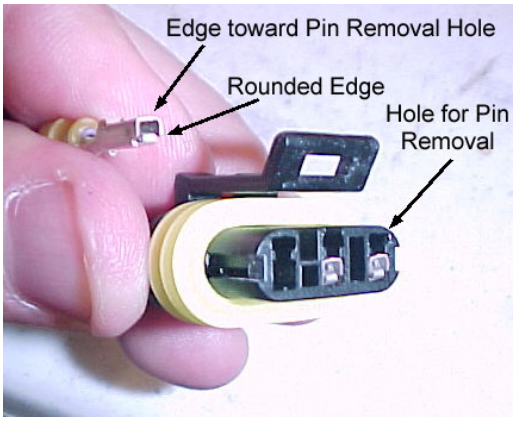

Figure 5

3. After properly installing all three terminals reinstall the red locking device