



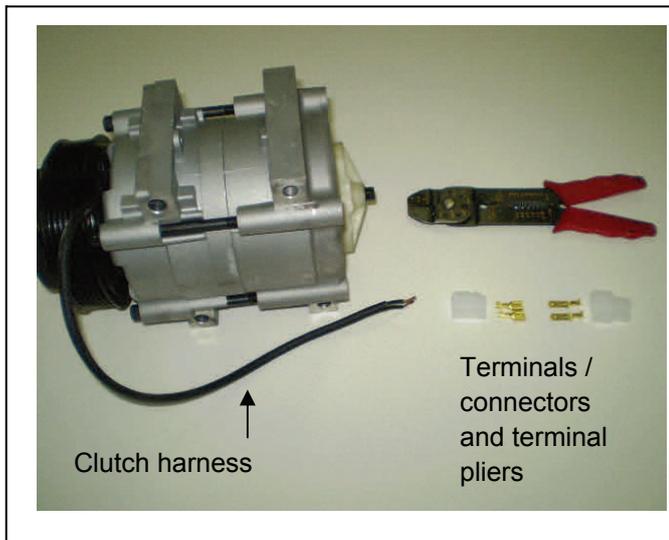
Subject:	<b>ELECTRICAL CONNECTOR MODIFICATION FOR PFOR031 FORD AU COMPRESSOR</b>					TSB #:	<b>11 8-08</b>
						Date:	25/8/08
Initial Once Read:							

The Ford AU compressor PFOR031 supplied by Adair has a 2 wire harness coming from the compressor clutch field coil instead of the OEM, 2 terminal electrical connector.

You will be required to modify the original 2 terminal clutch electrical connector from the vehicle harness and fit a "utilux" 2 terminal connector to this harness. You will also be required to fit a mating terminal connector onto the compressor clutch field coil harness.

Inside the carton containing compressor PFOR031 you will find: a single page instruction, male and female electrical terminals and electrical connectors and a 190mm plastic cable tie. The tools required to fit these terminals will be a set of electrical terminal pliers and an wire insulation stripper.

Page 2 of this TSB is a copy of the fitment instruction included with PFOR031.



ADAIR FORD AU COMPRESSOR  
PFOR031

OEM FORD AU COMPRESSOR



Compressor suitable for: Ford AU 6 / 8 cylinder engines.

Tools required: Electrical terminal pliers and wire cutter.

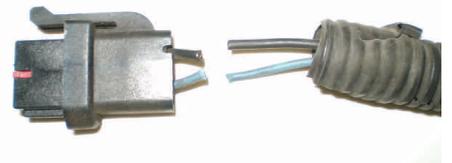
PFOR031 compressor carton contains:

- 1 X Ford AU Compressor
- 1 x Instruction
- Male and female 2 terminal "utilux" electrical connectors and matching male / female terminals.
- 1 x 190 mm Cable tie.

Instruction: (PFOR031 compressor already fitted to engine)

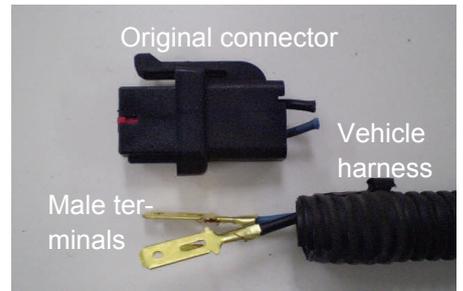
1. Locate the vehicle compressor clutch wiring harness with the electrical 2 pin connector. Cut the electrical 2 pin connector from the harness.
2. Strip approx 5 mm of insulation from the vehicle harness wiring and crimp the 2 male terminals to the wires ensuring the end taps of the terminals are crimped (secured) to the insulation
3. Insert the vehicle harness male terminals into the rear of the female 2 pin "utilux" connector ensuring that they lock into place. The terminals can only be inserted in one direction.
4. Strip approx 5 mm of insulation from the compressor clutch harness wiring. Crimp the 2 female electrical terminals to the compressor clutch wires ensuring the end taps of the terminals are crimped (secured) to the insulation.
5. Insert the compressor clutch terminals into the rear of the male 2 pin "utilux" connector ensuring that they lock into place. The terminals can only be inserted in one direction.  
**Important note:** The clutch coil wiring is not polarity sensitive. The terminals have no specific direction of fitment.
6. Finally, connect both the male and female wiring connectors together ensuring that they lock into place, a "click" will be heard when they lock.
7. Using the cable tie provided, tie back any excess harness wiring to avoid any contact with moving parts.

A/C compressor      Vehicle harness



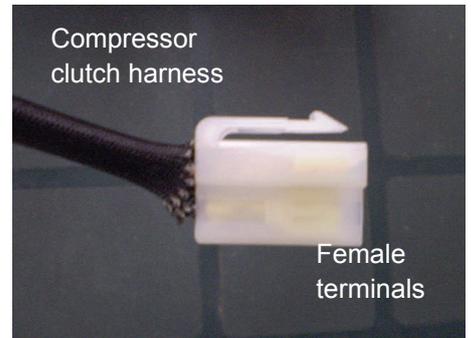
Original connector

Male terminals      Vehicle harness



Compressor clutch harness

Female terminals



"CLICK"

