

WIRING CONVERSION GUIDE

4 TO 8 CYL for 1986 Cougar/T-Bird

The wiring locations are according to the wiring schematics available from HELM Publications.

The following are the wires which go through the firewall when removing the harness from a V-8 model (1986):

1)Wiring to water temp - direct splice - #39 R/W
Location: 8cyl F-14; 4cyl B-95

2)Wiring to oil pressure - direct splice - #31 W/R
Location: 8cyl F-14; 4cyl D-229

3)A/C Switch - direct splice - #348 LG/P
Location: 8cyl F-13; 4cyl B-222

4)Ignition Switch - direct splice- #376 Y/R
Listed as Y/R - wire is actually BR/WH on both 8 cyl and 4 cyl
Runs from ignition to Pin 30 of EEC
Location: 8cyl F-14; 4cyl C232

5)Power to O2 sensors - GR/Y #687 - wire does not appear under hood of 4cyl; run wire directly to ignition switch

6)Neut. Start Switch to TFI - direct splice #32 R/B
Location: 8cyl F-13; 4cyl:B-95
Note: wire interchanges with #33

7)Main Power #37 Y - direct splice to existing wires (batt. power)

8)Main Power #38 BL/O - direct splice to existing wires (batt power)

9)Power to Computer/TFI #16 LG/R - does not appear under hood of 4cyl - tap into ignition switch

10) Power to Coil??? - Brown Purple - #262 - does not appear under 4 cyl hood - tap into ignition switch

Wires not used from V-8 harness:

1)there is another GR/Y wire on V-8 harness - not used - other side of connector is blind

2)BL/P wire - not used - goes to trip minder

3)DKGreen/Yellow - not used - other side of connector is blind

4) Power for chimes (I did not write down the color)

5)#904 R/GR from -I- on regulator

6)another #16 LG/R other side of connector is blind

Wires for 4 cyl not used:

O/B from battery - goes to fan relay

B/Y--- Both go to fan circuit

B ----

G/R from regulator stator to ignition - could probably be used instead of splicing into ignition switch for LG/R #16