DV: Throttle Body Assembly Electronic Throttle Control (ETC)

CAUTION: Substantial spacing and closing torque is applied by this system. To prevent injury, be careful to keep fingers away from throttle mechanism when actuated. Failure to follow these instructions may result in personal injury.

The engine controller has the following functions:

- electronic throttle body throttle position sensor (ETP/TP2) (SE/BE)
- electronic throttle body actuator (ETA/ETA2) (SH, TH, NH/NK, and TK/NK)
- PCM (CM/MM)

Electronic Throttle Body Throttle Position Sensor (ETP/TP2) Connector

A

Vehicle	Connector	Pin	Circuit
E-Series Explorer STD 5.0L F-150 11-16 F-Series Super Duty 6.8L Flex STD 3.5L MKS 3.5L MKT 3.5L Motorhome / Stripped Chassis / Step Van Taurus STD 3.5L	A	1 2 3 4	TAN BLK PPL/WHT GY/WHT
Escape/Kuga 1.5L	A	1 2 3 4 5 6	TAN BLK GY/WHT PPL/WHT GY/BLK PPL/BLK
Fiesta 1.0L Fiesta 1.6L Ka+ 1.2L	A	3 4 5	YPL BLK GY/BLK
Fiesta 1.6L	A	1 2 3 4 5 6	TAN BLK GY/WHT PPL/WHT GY/BLK PPL/BLK
Fusion 1.5L	A	1 2 3 4 5 6	TAN BLK GY/WHT PPL/WHT GY/BLK PPL/BLK
All other vehicles	A	1 2 3 4 5 6	YPL BLK GY/WHT PPL/WHT GY/BLK PPL/BLK

Electronic Throttle Body Throttle Actuator Control Motor (ETA/ETA2) Connector

A

B

C

D

E

Vehicle	Connector	Pin	Circuit
E-Series Explorer STD 5.0L F-150 11-16 F-Series Super Duty 6.8L Flex STD 3.5L MKS 3.5L MKT 3.5L Motorhome / Stripped Chassis / Step Van Taurus STD 3.5L	A	1 2	TAN/BK TAN/BU
Escape/Kuga 1.5L Fiesta 1.6L Fusion 1.5L Fusion 1.6L	B	1 2	TAN/BK TAN/BU
Fiesta 1.0L Fiesta 1.6L Ka+ 1.2L	A	1 2	TAN/BK TAN/BU
All other vehicles	A	1 2	TAN/BK TAN/BU

Powertrain Control Modules (PCM) Connector

For PCM connector views or reference values, refer to Section 6. Reference Values.

Vehicle	Connector	Pin	Circuit
E-Series 5.4L	150-Pin	039 040 041, 097, 098 043, 044, 045, 975 046 047 048 049 050 051 052 053 054 055 056 057 058 059 060 061 062 063 064 065 066 067 068 069 070 071 072 073 074 075 076 077 078 079 080 081 082 083 084 085 086 087 088 089 090 091 092 093 094 095 096 099 100 101 102 103 104 105 106 107 108 109 110	ST/GY ST/WHT LPWR PWRGND ST/GY ST/WHT PWRGND LPWR TAN BLK