

Focus, MKC, Mustang, and Transit, COMPLETE the Misfire Monitor Neutral Profile Correction procedure using the scan tool. For all others, COMPLETE the Misfire and Fuel Monitors drive cycle procedure to learn the profile. REFER to ON BOARD DIAGNOSTIC (OBD) DRIVE CYCLE , Misfire, Fuel and Deceleration Fuel Shut Off Rear, HO2S Monitors.	
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• **JD16 CHECK FOR CORRECT PCM OPERATION**

- Disconnect all the PCM connectors.
- Visually inspect for:
 - pushed out pins
 - corrosion
- Connect all the PCM connectors and make sure they seat correctly.
- Carry out the PCM self-test.
- Verify the concern is still present.

Is the concern still present?

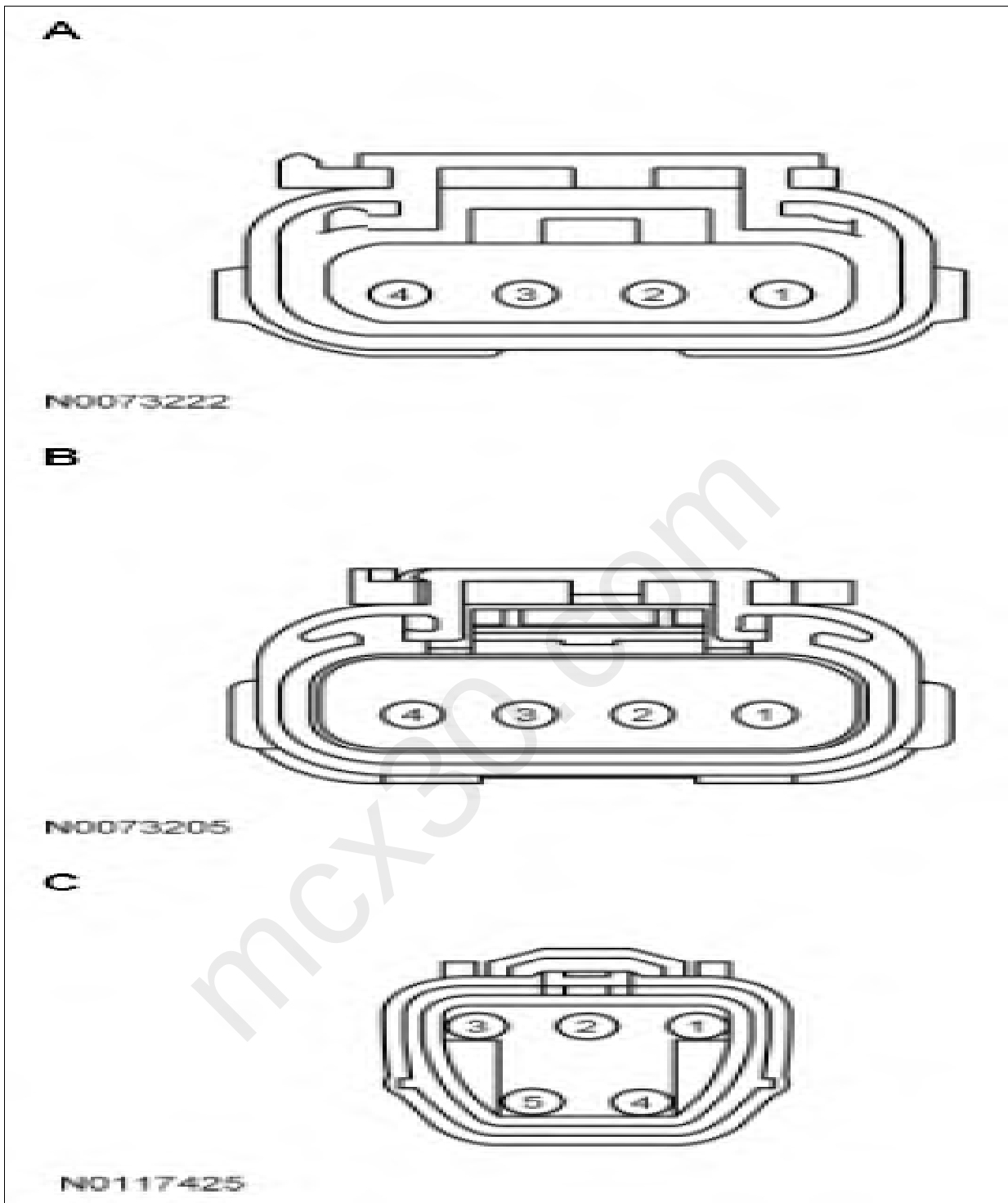
Yes	No
INSTALL a new PCM. REFER to FLASH ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY (EEPROM) , Programming the VID Block for a Replacement PCM.	The system is operating correctly at this time. The concern may have been caused by a loose or corroded connector.

PINPOINT TEST KC: FUEL PUMP CONTROL MODULE > INTRODUCTION

This pinpoint test is intended to diagnose the following:

- fuel pump (9H307)
- fuel pump control module (9D370)
- fuel pump control module relay
- inertia fuel shutoff (IFS) switch (9341)
- harness circuits: B+, GND, FPC, FPM, FPPWR, FPRTN, IES, VPWR, and VPWR Fuel
- PCM (12A650)

Fig 1: Identifying Fuel Pump (FP) Connector



Courtesy of FORD MOTOR CO.

Vehicle	Connector	Pin	Circuit
E-Series, Expedition, F-150, Mustang,	A	3 4	FPRTN FPPWR

Navigator, Transit			
F-650/F-750, F-Series Super Duty, Motorhome/Stripped Chassis/Step Van	B	3 4	FPRTN FPPWR
All other vehicles	C	4 5	FPRTN FPPWR

Fig 2: Identifying Fuel Pump Control Module Connector



Courtesy of FORD MOTOR CO.

Vehicle	Connector	Pin	Circuit
F-150, F-650/F-750, Focus, Fusion, MKC, MKZ, Motorhome/Stripped Chassis/Step Van,	A	8 5 7 3 4 1	FPRTN FPPWR FPM FPC GND VPWR Fuel

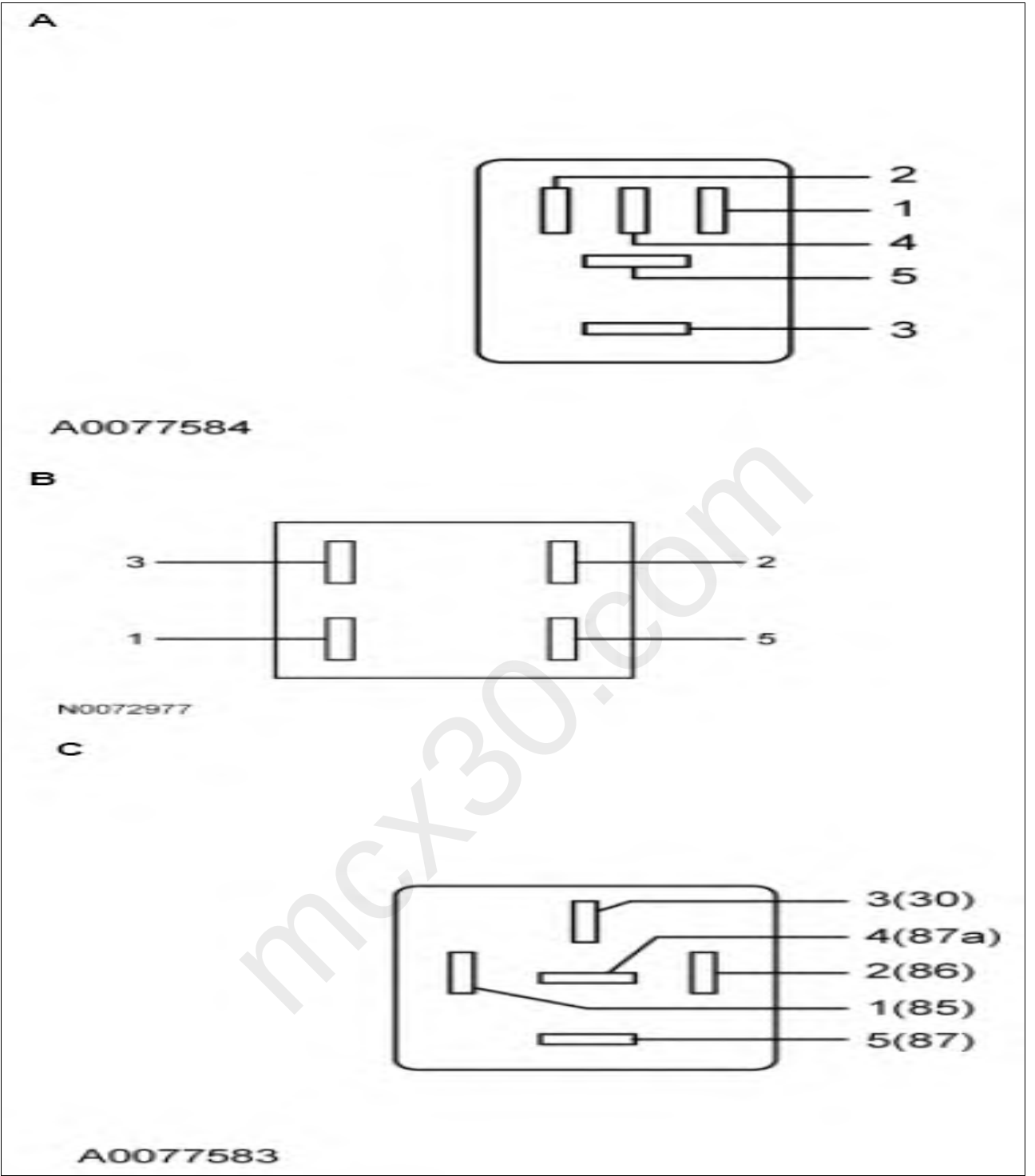
Mustang			
All other vehicles	A	6 8 5 7 3 4 1	ENS FPRTN FPPWR FPM FPC GND VPWR Fuel

Fuel Pump Control Module Relay Connector

Refer to the Wiring Diagrams service information for schematic and connector information.

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Fig 3: Identifying Fuel Pump Control Module Relay Connector

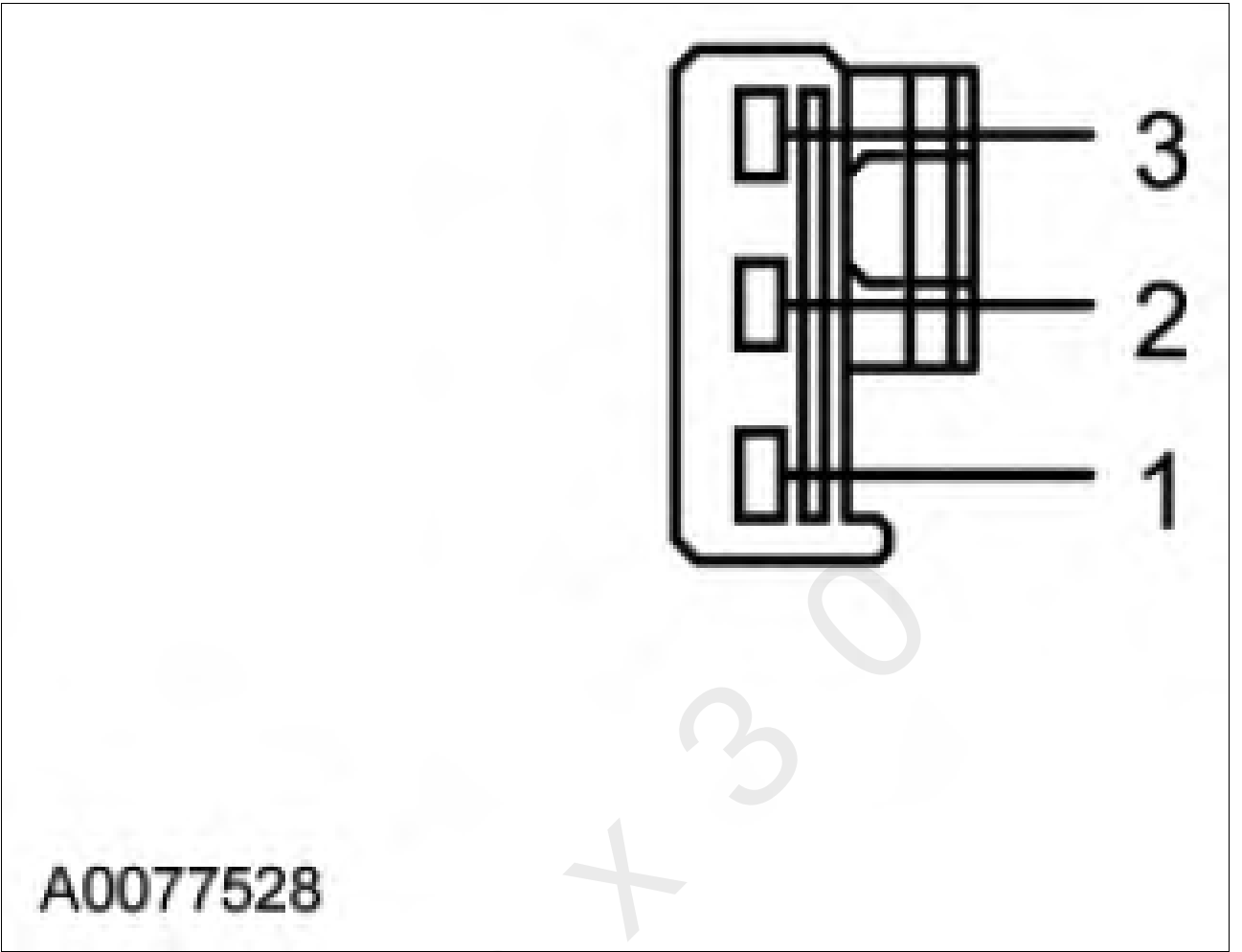


Courtesy of FORD MOTOR CO.

Vehicle	Connector	Pin	Circuit
E-Series, Motorhome/Stripped Chassis/Step Van	A	2 1 3 5	GND VPWR B+ VPWR Fuel

Edge, F-150, F-Series Super Duty, Flex, MKT	B	2 1, 3 5	FP B+ VPWR Fuel
Expedition, MKC, Mustang, Navigator, Transit	A	2 1, 3 5	FP B+ VPWR Fuel
F-650/F-750	C	86 30, 85 87	GND B+ VPWR Fuel
Fiesta	B	2 1 3 5	GND VPWR B+ VPWR Fuel
All other vehicles	B	1 2, 3 5	FP B+ VPWR Fuel

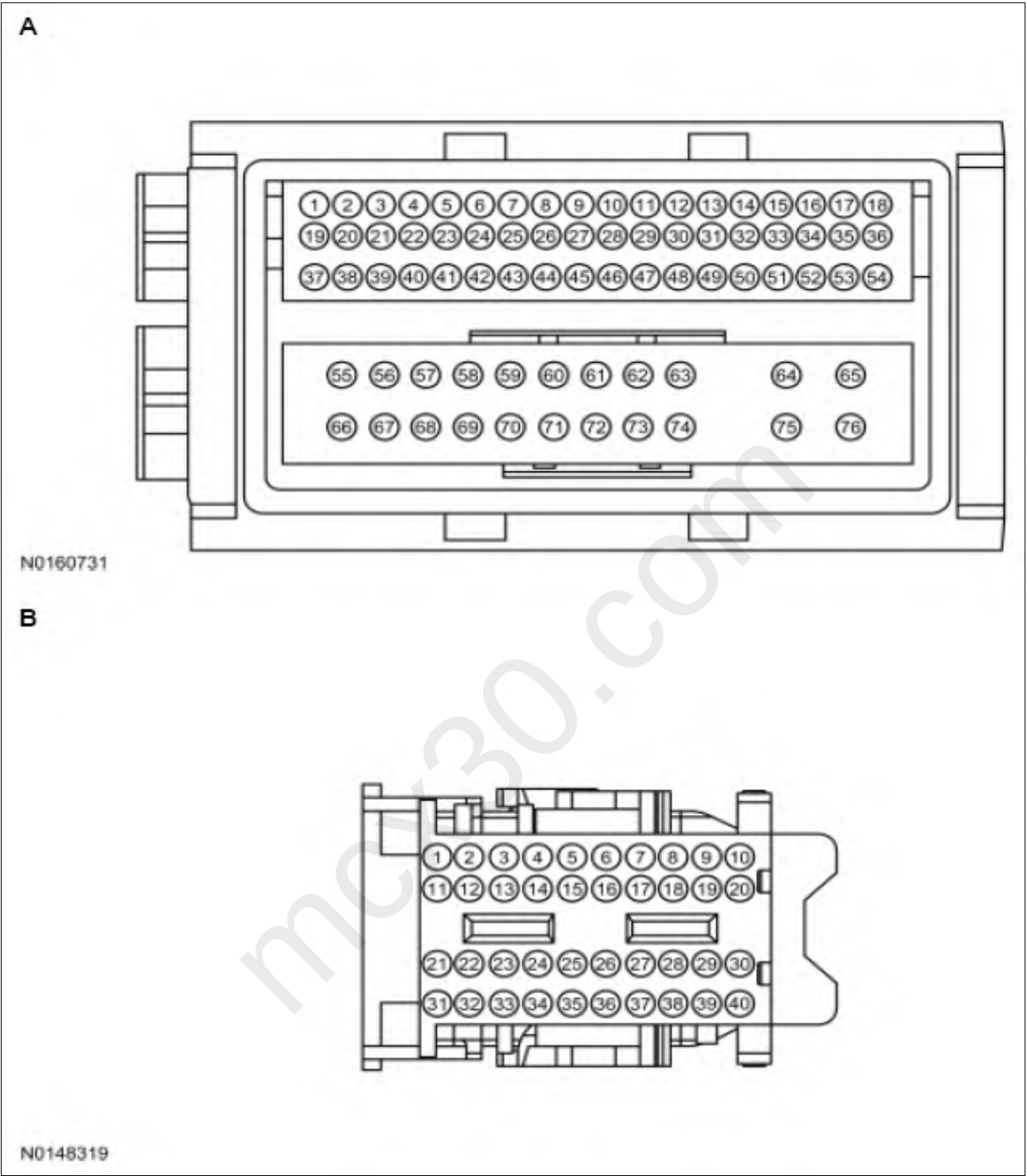
Fig 4: Identifying Inertia Fuel Shutoff (IFS) Switch Connector



Courtesy of FORD MOTOR CO.

Pin	Circuit
1	VPWR Fuel - B
2	VPWR Fuel - A

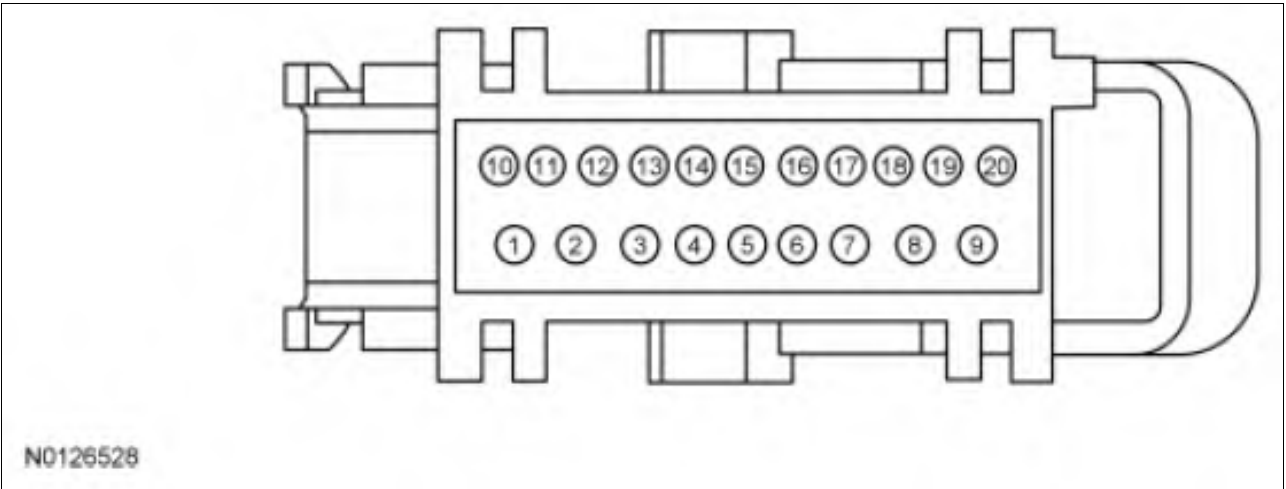
Fig 5: Identifying Body Control Module-C (BCM-C) Connector



Courtesy of FORD MOTOR CO.

Vehicle	Connector	Pin	Circuit
Transit	A	12	FP
All other vehicles	B	29 26	IES FP

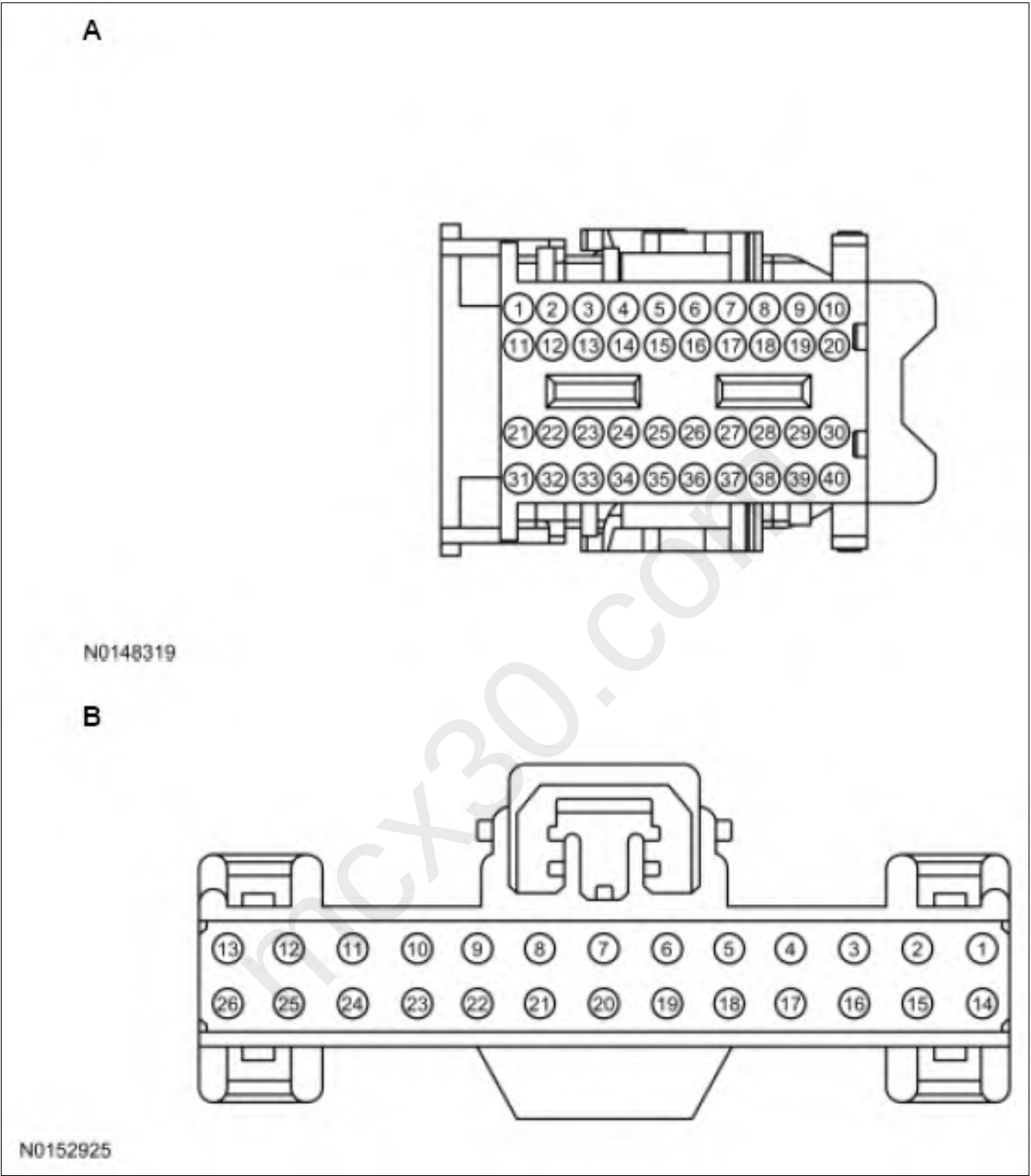
Fig 6: Identifying Body Control Module-E (BCM-E) Connector



Courtesy of FORD MOTOR CO.

Pin	Circuit
E9	VPWR (Vehicle Power)

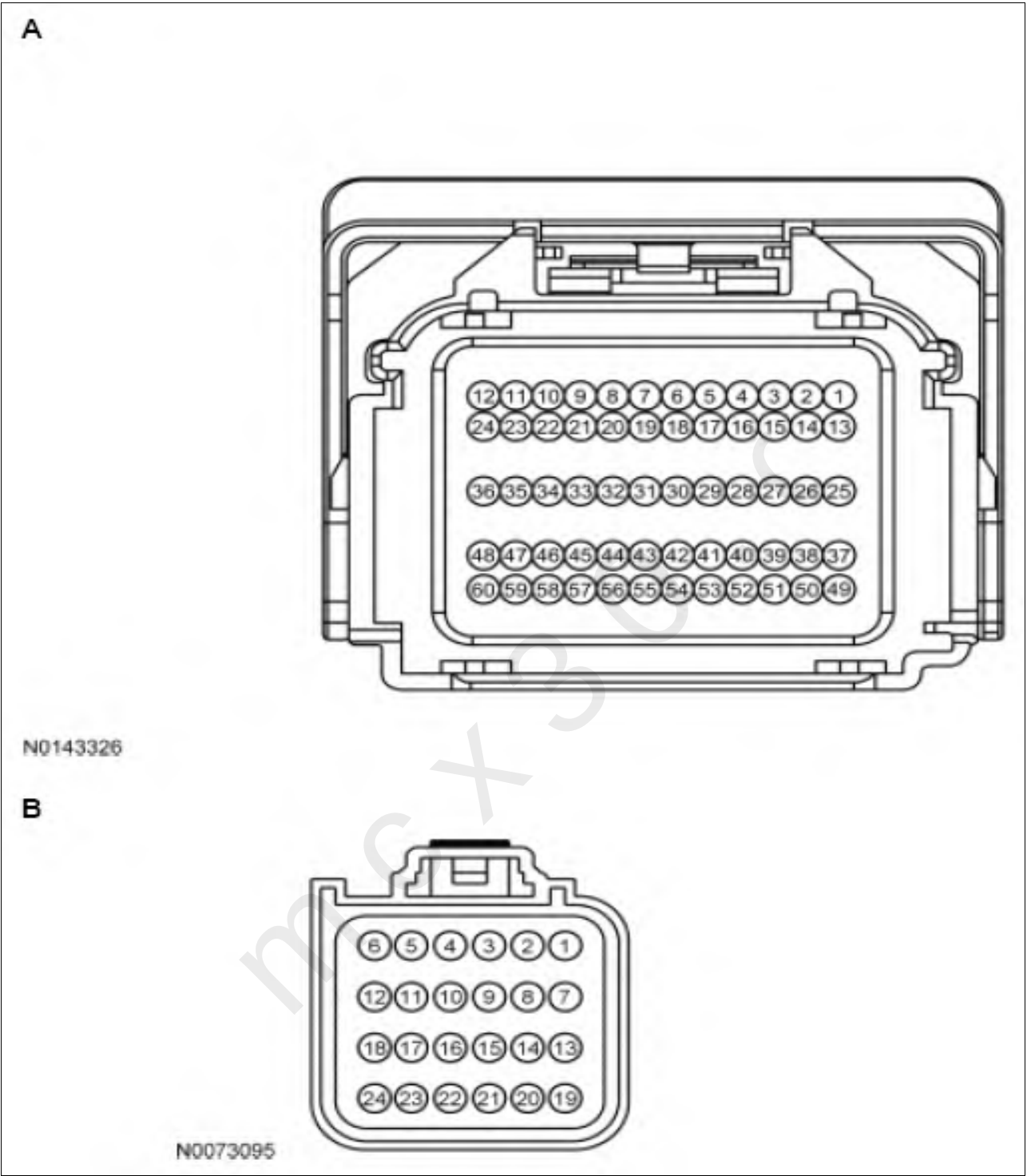
Fig 7: Identifying Body Control Module-F (BCM-F) Connector



Courtesy of FORD MOTOR CO.

Vehicle	Connector	Pin	Circuit
F-150, Mustang	A	26	FP
All other vehicles	B	6	FP

Fig 8: Identifying Restraints Control Module (RCM) Connector



Courtesy of FORD MOTOR CO.

Vehicle	Connector	Pin	Circuit
Expedition, Explorer, Fiesta, MKS,	A	42	ENS