

# Component Procedures: Fuel Pump Relay

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# Component Procedures: Fuel Pump Relay

## Parts and Labor (itype\_189)

### Parts

Qualifier	Part #	Name	Price	Note
Fuel Pump Relay	4638094	Fuel Pump Relay	3.45	Order By Description.

### Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Replace	Fuel Pump Relay, R&R	B	0.3	0.2

## Components (itype\_392)

### FUEL PUMP RELAY

#### PCM

#### OUTPUT

The PCM energizes the electric fuel pump through the fuel pump relay.

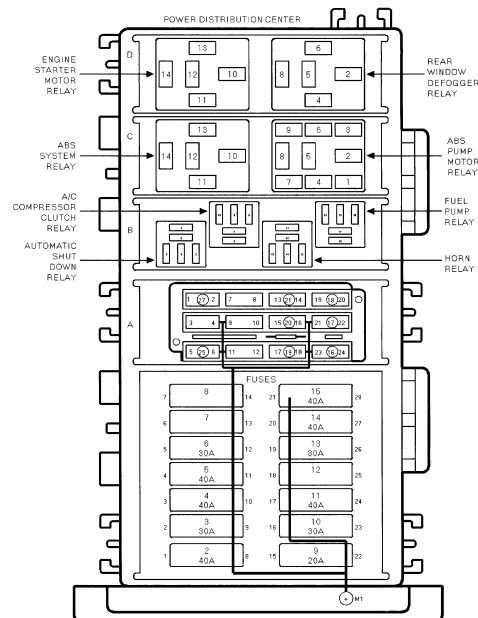
#### Battery voltage

is applied to the fuel pump relay when the ignition key is ON. The relay is energized when a ground signal is provided by the PCM.

The fuel pump will operate for approximately three seconds unless the engine is operating or the starter motor is engaged.

The fuel pump relay is located in the Power Distribution Center (PDC).

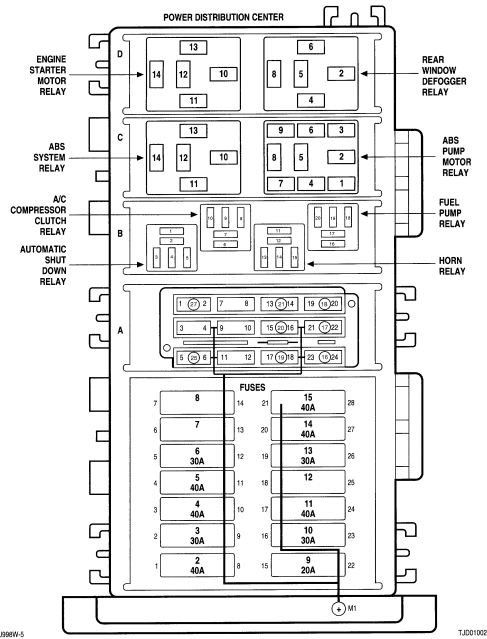
## Connector Views (itype\_47)



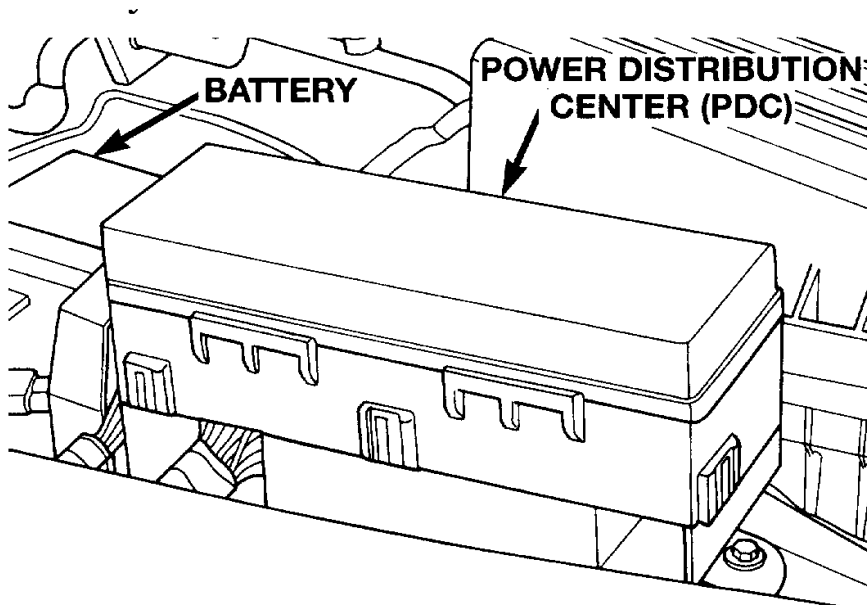
## FUEL PUMP RELAY

CAV	CIRCUIT	FUNCTION
B16	A61 18DG/BK	FUSED B(+)
B17	A141 18DG/WT	FUEL PUMP RELAY OUTPUT
B18	F15 20DB	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
B19	-	-
B20	K31 18BR	FUEL PUMP RELAY CONTROL

### Components (itype\_32)

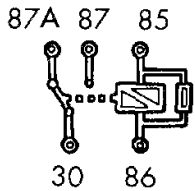
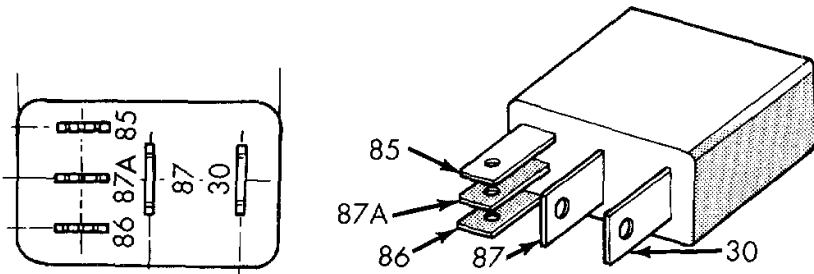


### Procedures (itype\_376)



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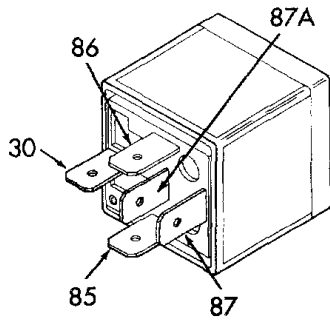
### Component Tests and General Diagnostics (itype\_383)



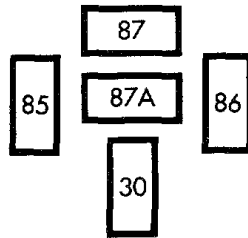
TERMINAL LEGEND	
NUMBER	IDENTIFICATION
30	COMMON FEED
85	COIL GROUND
86	COIL BATTERY
87	NORMALLY OPEN
87A	NORMALLY CLOSED

9514-16

RELAY TERMINALS



RELAY CAVITIES



J958A-2

TERMINAL LEGEND	
NUMBER	IDENTIFICATION
30	COMMON FEED
85	COIL GROUND
86	COIL BATTERY
87	NORMALLY OPEN
87A	NORMALLY CLOSED