HONDA

Job Aid

February 18, 2015 01369 Version 1

Identification of Electrical Connectors and Terminal Locations

AFFECTED VEHICLES

ALL

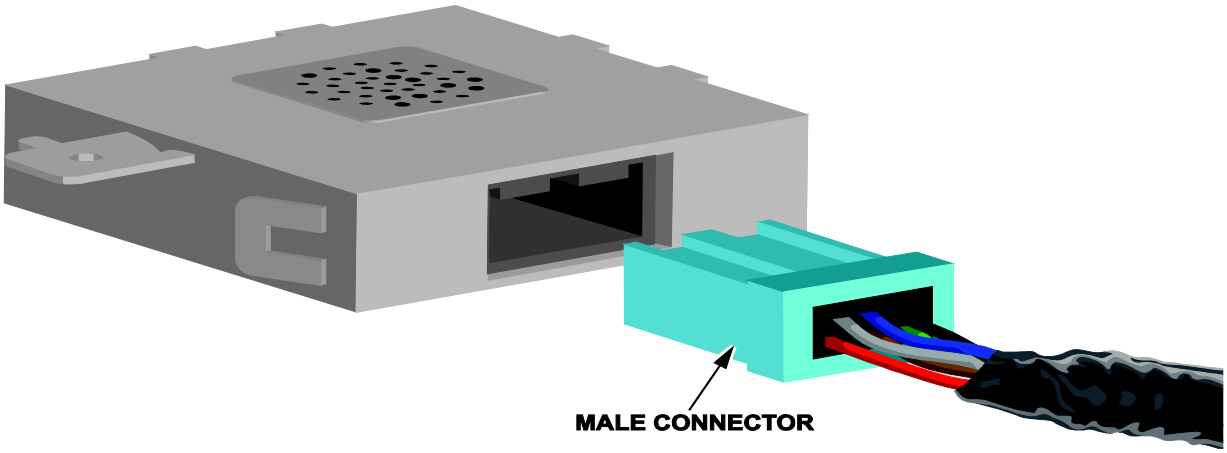
BACKGROUND

This job aid helps to identify the front and rear views of male and female electrical connectors as well as the male and female terminals.

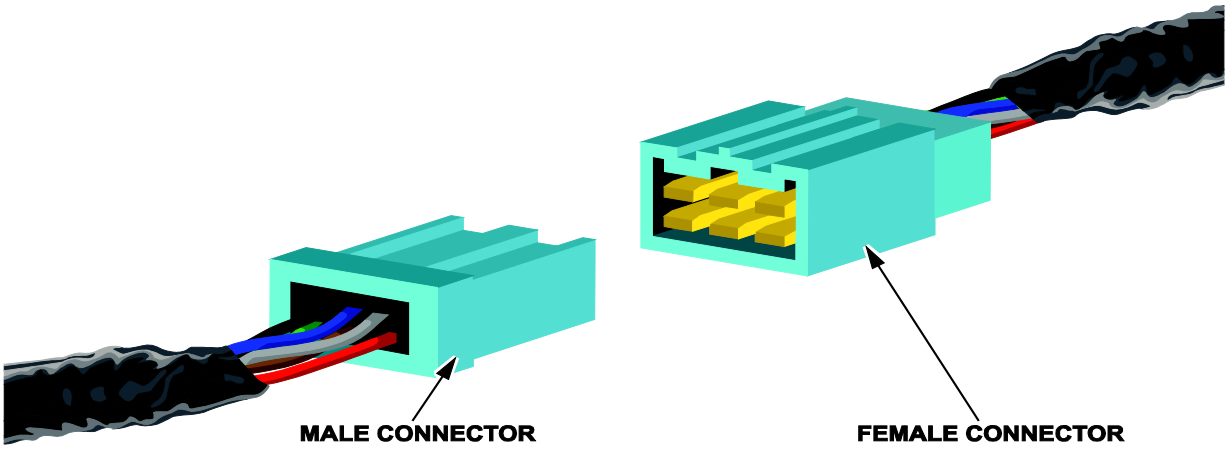
CONNECTOR APPLICATIONS

Connectors have many applications including control units and inline connections. In general, all control units use a **male** connector body while inline connections use both **male** and **female** connector bodies.

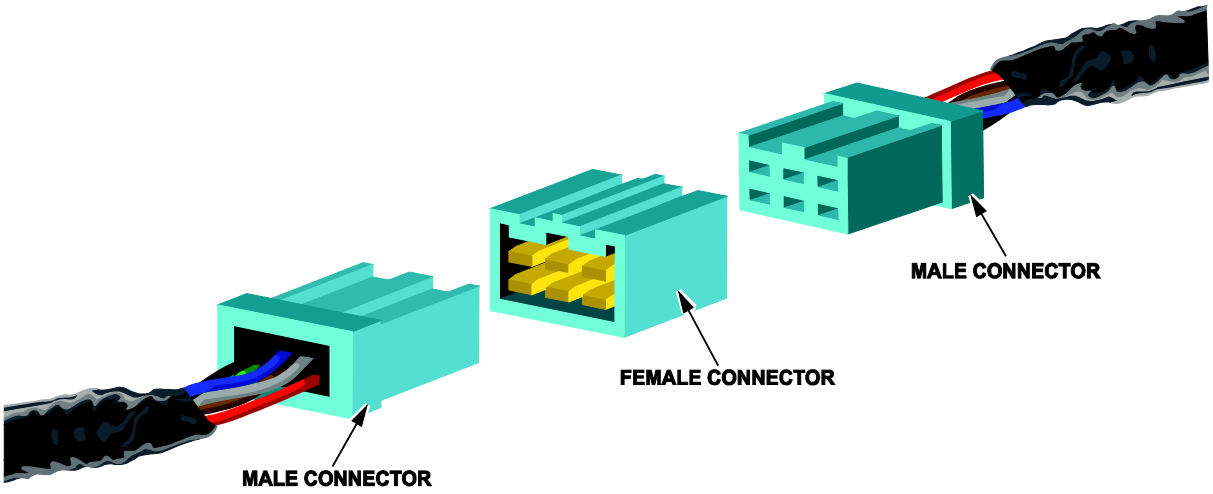
- Control Unit Connection



- Inline Connection TYPE 1

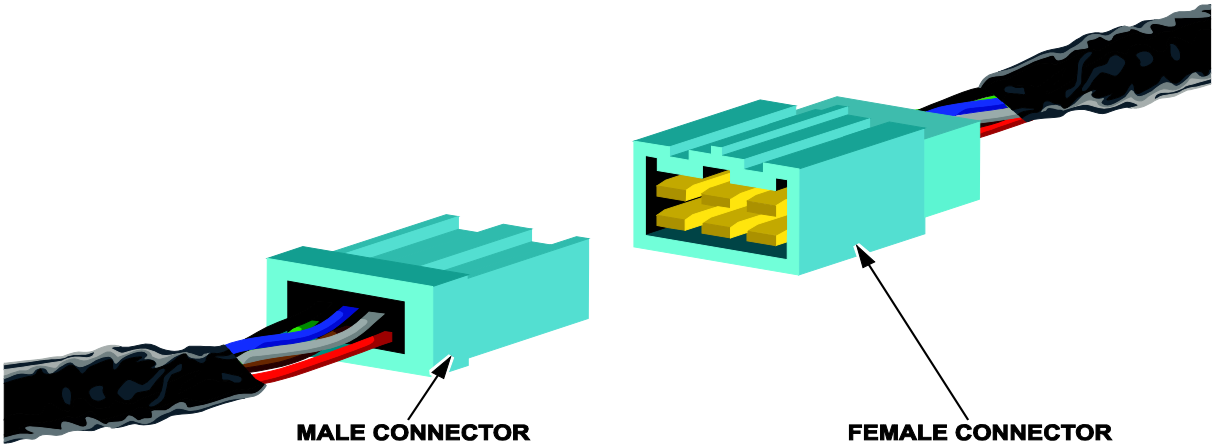


- Inline Connection TYPE 2



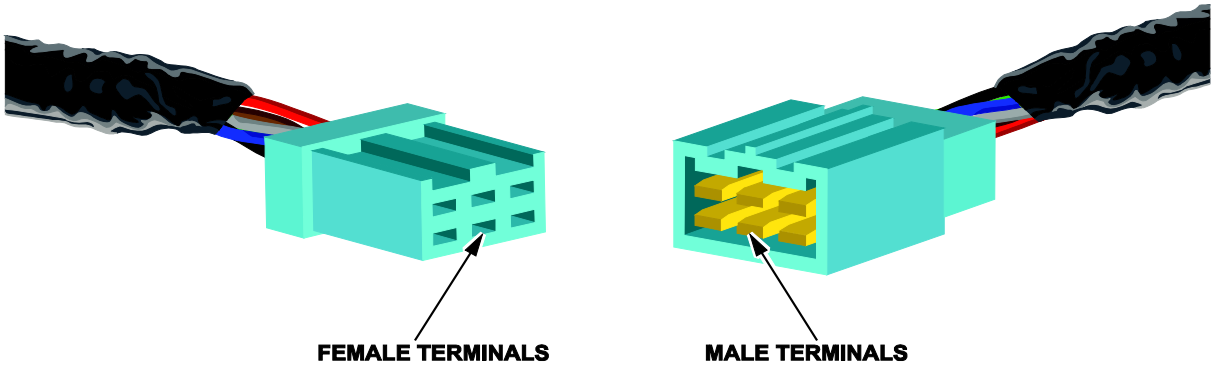
CONNECTOR BODY TYPES

The connector body refers to the plastic housing containing the electrical terminals. If the connector fits inside the mating connector, it is a **male** connector. If the connector fits around the outside of the mating connector, it is a **female** connector.



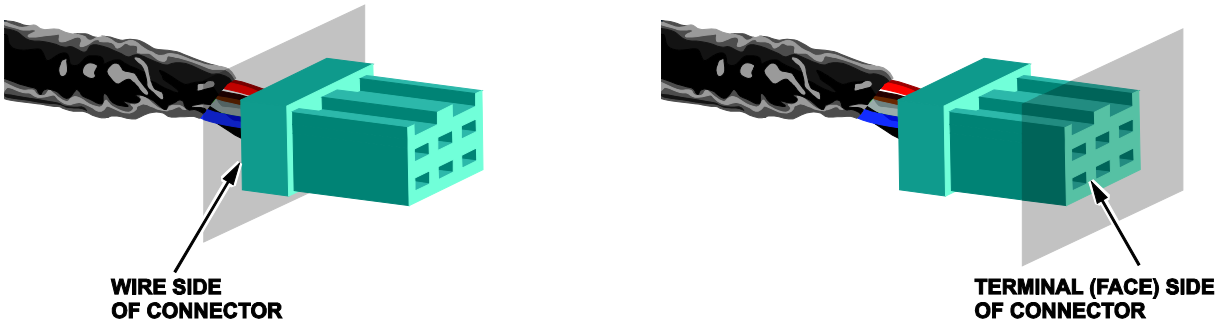
NOTE:

- **Male** connectors contain **female** terminals.
- **Female** connectors contain **male** terminals.



CONNECTOR SIDES

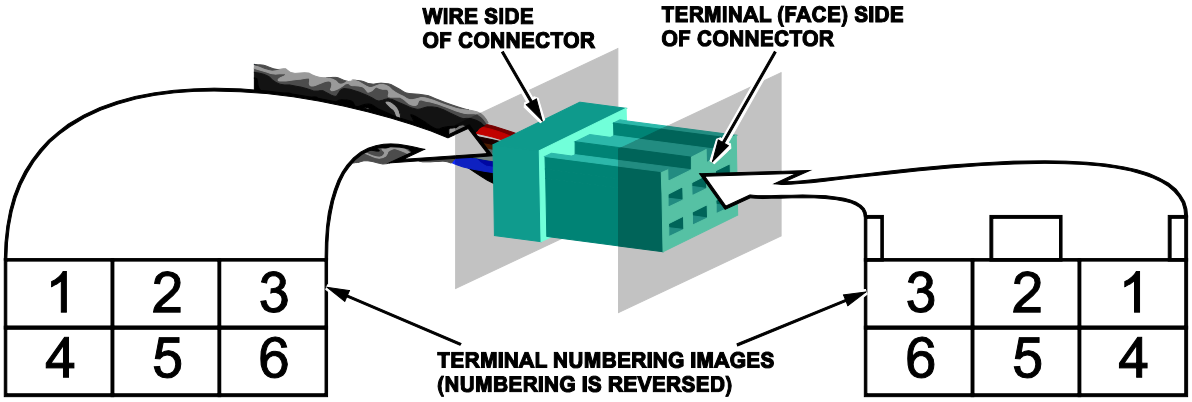
When working with wire terminals and pigtails, you may need to determine which side or view you are looking at. The wire side of the connector is where the terminals will enter into the housing and click into place. The terminal (face) side of the connector is where the terminals are seated and connect to the control unit or mating connector. This information is critical when identifying pin locations in the various connector types.



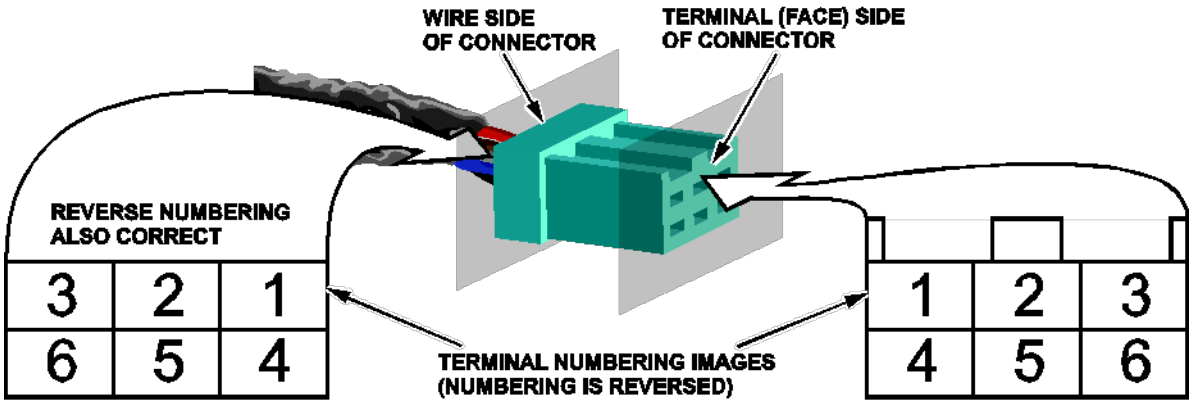
CONNECTOR TERMINAL LOCATIONS

The terminal location is shown with each cavity and the number associated with it.

- The view is either the wire side or the face side.
- The numerical order changes depending on view location.

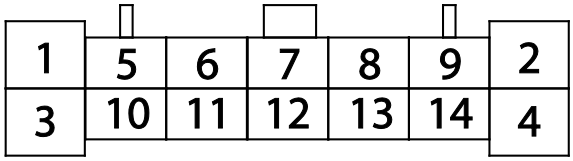


- The terminal locations and order can be configured in the above or below illustrations (refer to the service information on IN for exact terminal locations).

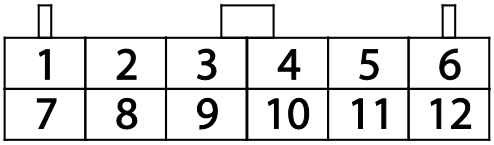


- The terminal numbering patterns can be in different configurations as shown below.

UNIQUE PATTERN

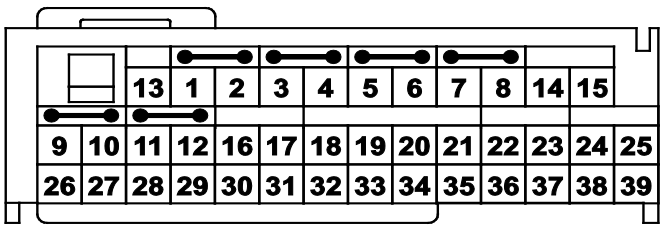


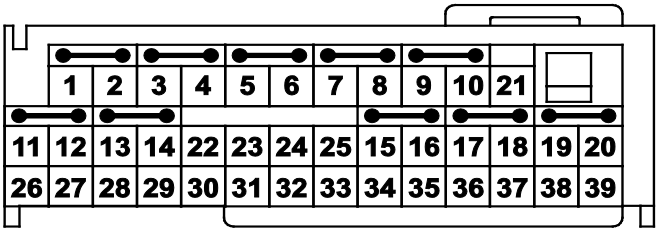
STANDARD PATTERN



TERMINAL (FACE) SIDE OF FEMALE CONNECTORS

- There is no standard configuration for connector numbering and terminal locations. They can vary like shown below (refer to the service information on IN for exact terminal locations).

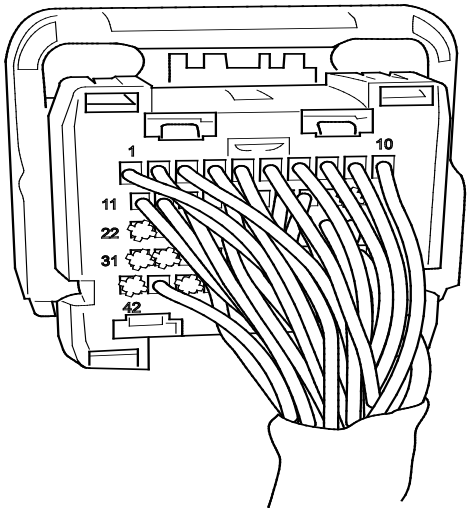




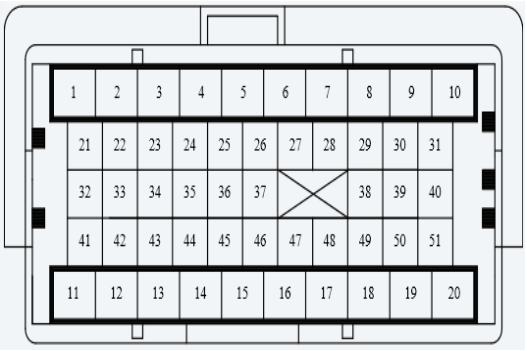
TERMINAL (FACE) SIDE OF FEMALE CONNECTORS

- Some numbering that is embossed on the connector may not be the actual terminal location (refer to the service information on IN for exact terminal locations).

Embossed numbering

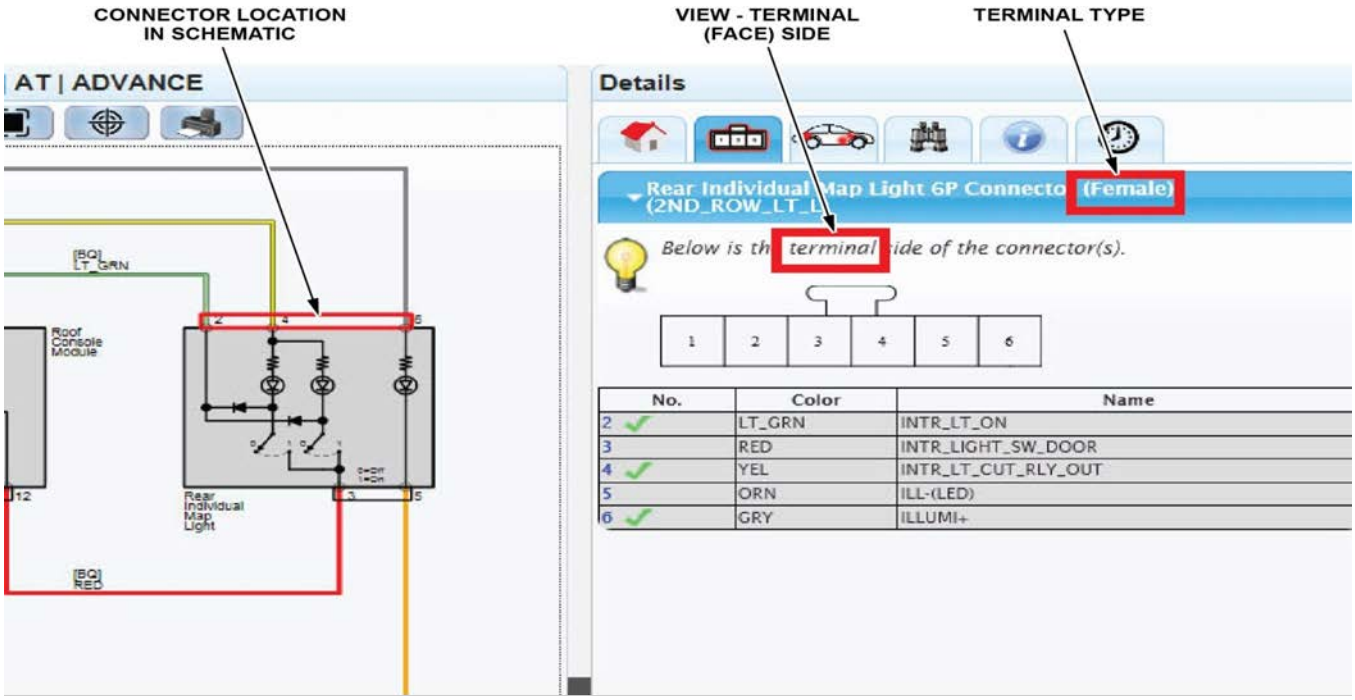


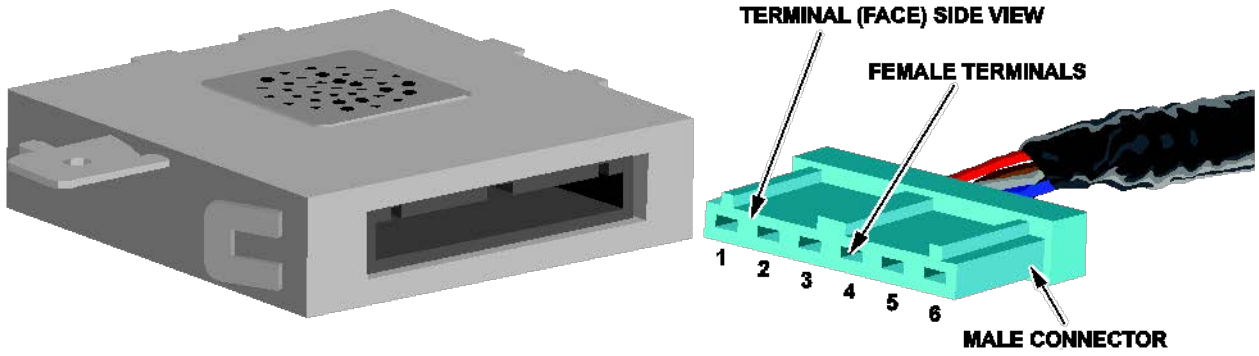
Actual numbering (EWD)



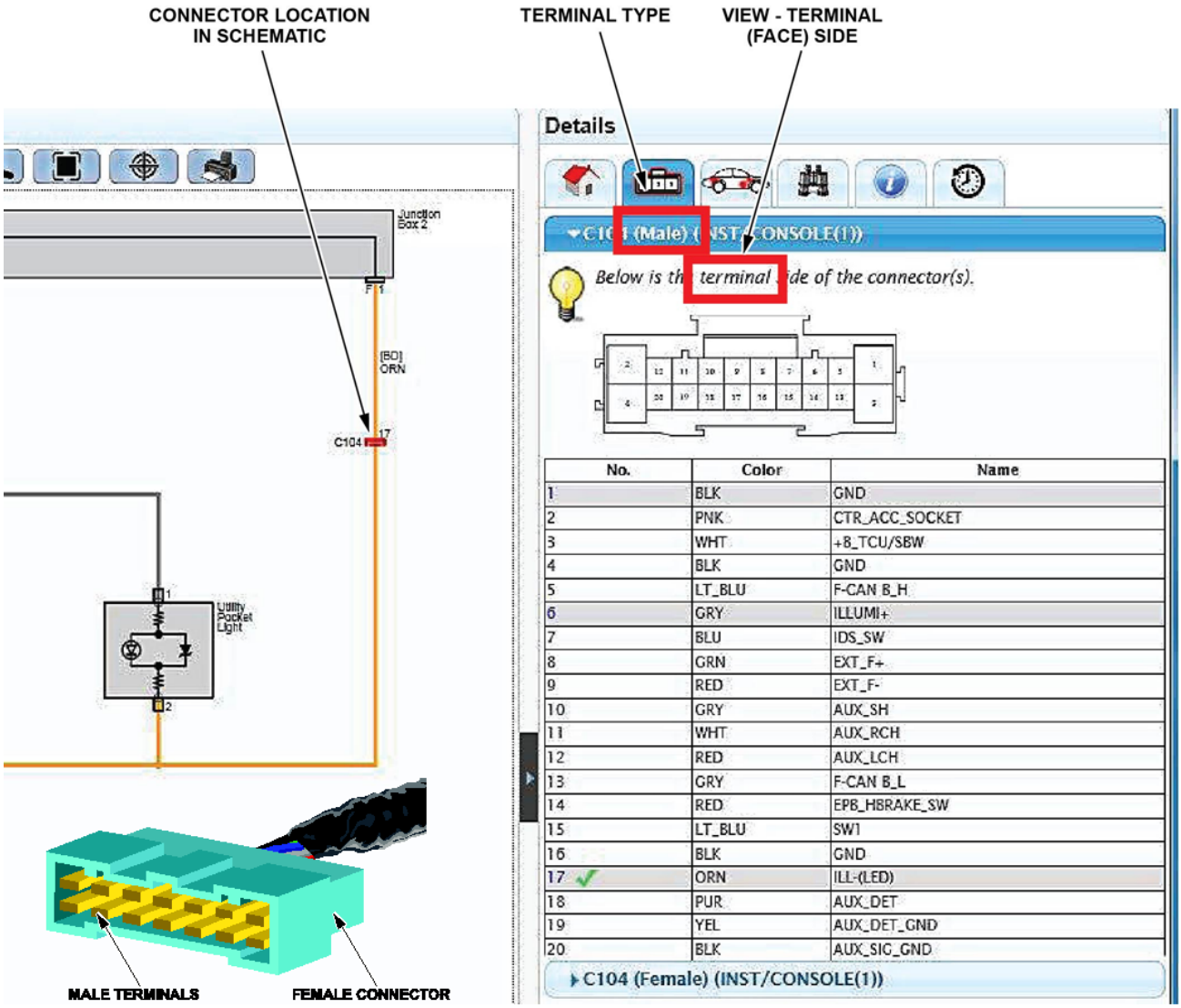
IDENTIFYING CONNECTOR TERMINALS ON THE EWD

- Connector View (Component Connector Male)



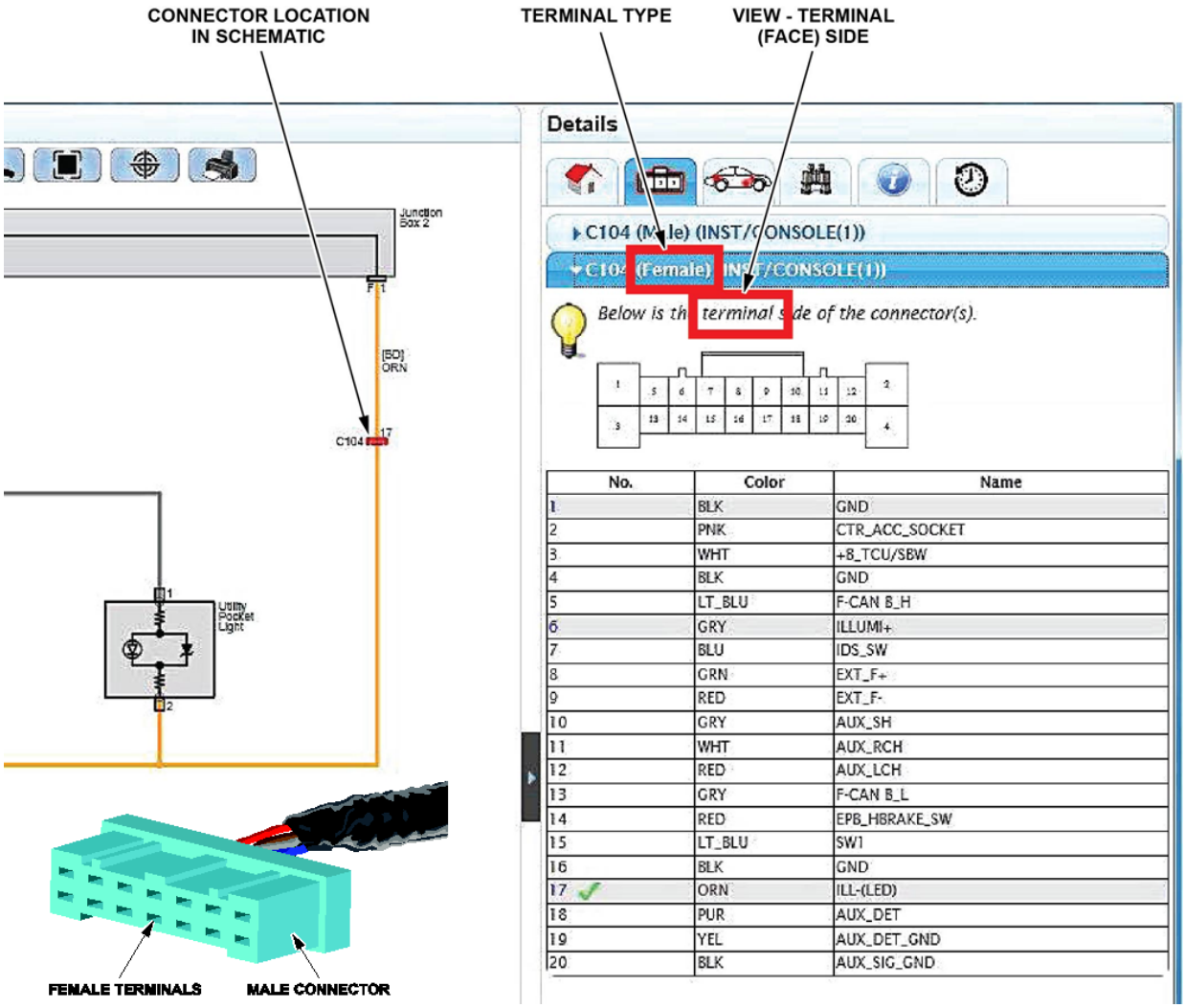


- Connector View (Inline Connector Female)



No.	Color	Name
1	BLK	GND
2	PNK	CTR_ACC_SOCKET
3	WHT	+B_TCU/SBW
4	BLK	GND
5	LT_BLU	F-CAN B_H
6	GRY	ILLUMI+
7	BLU	IDS_SW
8	GRN	EXT_F+
9	RED	EXT_F-
10	GRY	AUX_SH
11	WHT	AUX_RCH
12	RED	AUX_LCH
13	GRY	F-CAN B_L
14	RED	EPB_HBRAKE_SW
15	LT_BLU	SW1
16	BLK	GND
17 ✓	ORN	ILL-(LED)
18	PUR	AUX_DET
19	YEL	AUX_DET_GND
20	BLK	AUX_SIG_GND

- Connector View (Inline Connector Male)



No.	Color	Name
1	BLK	GND
2	PNK	CTR_ACC_SOCKET
3	WHT	+B_TCU/SBW
4	BLK	GND
5	LT_BLU	F-CAN B_H
6	GRY	ILLUMI+
7	BLU	IDS_SW
8	GRN	EXT_F+
9	RED	EXT_F-
10	GRY	AUX_SH
11	WHT	AUX_RCH
12	RED	AUX_LCH
13	GRY	F-CAN B_L
14	RED	EPB_HBRAKE_SW
15	LT_BLU	SW1
16	BLK	GND
17	ORN	ILL-(LED)
18	PUR	AUX_DET
19	YEL	AUX_DET_GND
20	BLK	AUX_SIG_GND

NOTE: Refer to Service Bulletin 00-099, *Terminal Replacement Instructions,* for more information and detail on how to service electrical connectors.

END