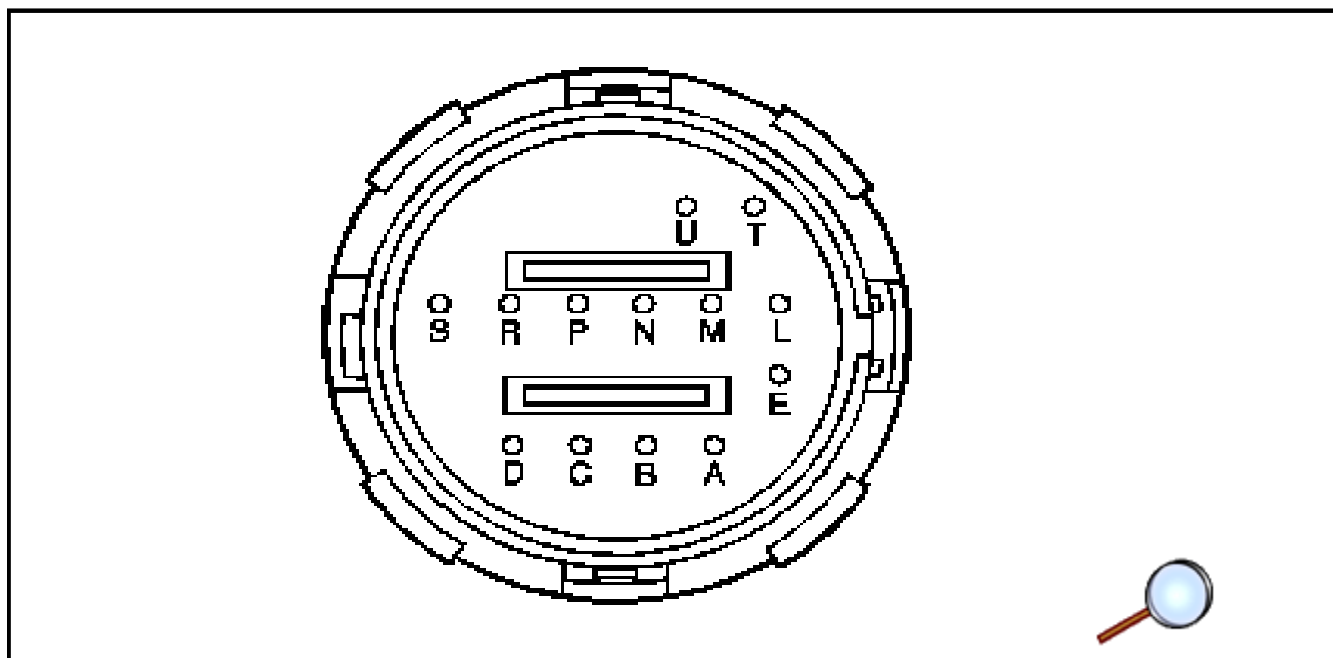


Automatic Transmission Inline Harness Connector End View

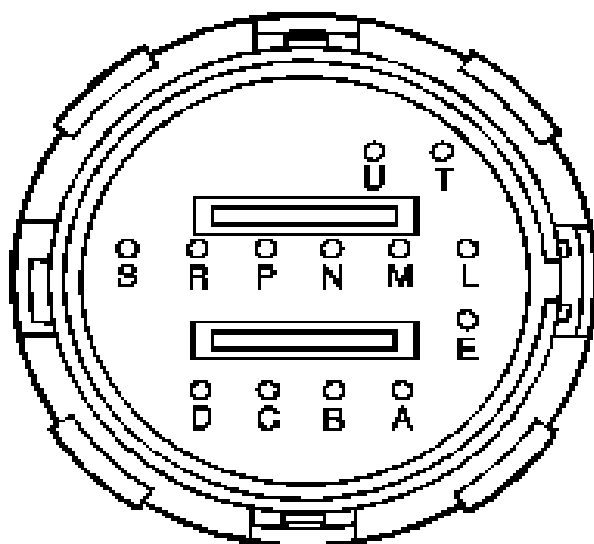
Table 1: [Automatic Transmission Wiring Harness Assembly 20-way Connector, Transmission Side](#)

Table 2: [Automatic Transmission Wiring Harness Assembly 20-way Connector, Engine Side](#)

Automatic Transmission Wiring Harness Assembly 20-way Connector, Transmission Side

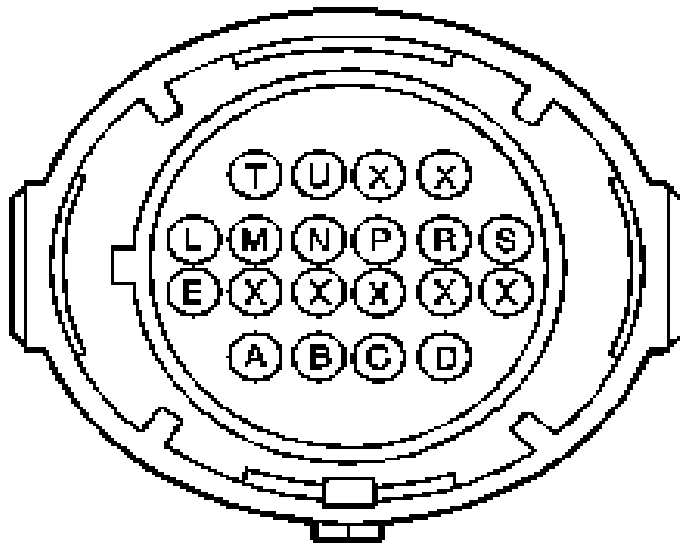


Connector Part Information		<ul style="list-style-type: none"> • 12160545 • 20-way F Micro-Pack 100W Series (GRY) 	
Pin	Wire Color	Circuit No.	Function
A	0.5 LT GRN	1222	1-2 Shift Solenoid (1-2 SS) Valve Control
B	0.5 YEL	1223	2-3 Shift Solenoid (2-3 SS) Valve Control
C	0.5 PPL	1228	Pressure Control Solenoid (PC Sol.) Valve HIGH
D	0.5 LT BLU	1229	PC Sol. Valve LOW
E	0.5 RED	839	Transmission Solenoid Power
F-K	—	—	Not Used
L	0.5 BRN	1227	Transmission Fluid Temperature (TFT) Sensor HIGH

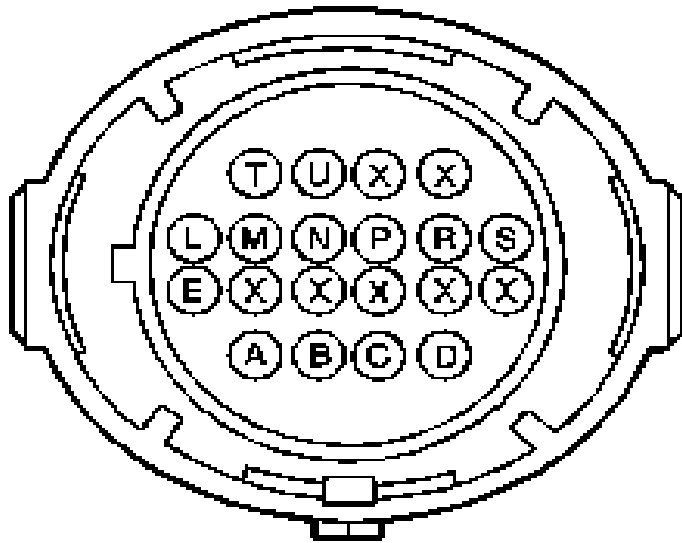


Connector Part Information		<ul style="list-style-type: none"> • 12160545 • 20-way F Micro-Pack 100W Series (GRY) 	
Pin	Wire Color	Circuit No.	Function
M	0.5 GRY	452	TFT Sensor LOW
N	0.5 PNK	1224	Range Signal A
P	0.5 ORN	1226	Range Signal C
R	0.5 DK BLU	1225	Range Signal B
S	0.5 WHT	687	3-2 Shift Solenoid (3-2 SS) Valve Assembly Control
T	0.5 BLK	422	Torque Converter Clutch Solenoid (TCC Sol.) Valve Control
U	0.5 TAN	418	Torque Converter Clutch Pulse Width Modulation Solenoid (TCC PWM Sol.) Valve Control

Automatic Transmission Wiring Harness Assembly 20-way Connector, Engine Side



Connector Part Information		<ul style="list-style-type: none"> • 12146497 • 20-way F Micro-Pack 100W Series (GRY) 	
Pin	Wire Color	Circuit No.	Function
A	0.8 LT GRN	1222	1-2 Shift Solenoid (1-2 SS) Valve Control
B	0.8 YEL/BLK	1223	2-3 Shift Solenoid (2-3 SS) Valve Control
C	0.8 RED/BLK	1228	Pressure Control Solenoid (PC Sol.) Valve HIGH
D	0.8 LT BLU/WHT	1229	PC Sol. Valve LOW
E	0.8 PNK	1020	Transmission Solenoid Power
L	0.8 YEL/BLK	1227	Transmission Fluid Temperature (TFT) Sensor HIGH
M	0.8 BLK	470	TFT Sensor LOW
N	0.8 PNK	1224	Range Signal A
P	0.8 RED	1226	Range Signal C
R	0.8 DK BLU	1225	Range Signal B
S	0.8 WHT	687	3-2 Shift Solenoid (3-2 SS) Valve Assembly Control



Connector Part Information		<ul style="list-style-type: none"> • 12146497 • 20-way F Micro-Pack 100W Series (GRY) 	
Pin	Wire Color	Circuit No.	Function
T	0.8 TAN/BLK	422	Torque Converter Clutch Solenoid (TCC Sol.) Valve Control
U	0.8 BRN	418	Torque Converter Clutch Pulse Width Modulation Solenoid (TCC PWM Sol.) Valve Control