



350-0168

**Universal Wire Harness Repair Kit w/ Connector for
GM 6L80E/6L90E & Ford 6R80E**

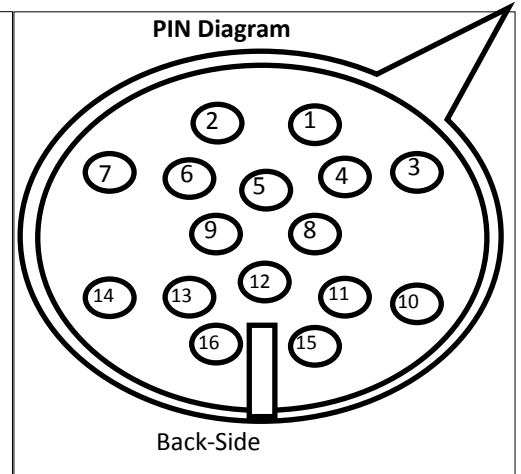
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Instructions:

- 1.) Locate and remove the connector of the old harness from the transmission.
- 2.) Installation is easiest and mistakes are avoided when one wire at a time is changed over to the new harness.
- 3.) Cut each wire as far from the original connector as room and the harness allows. Splice according to the chart below using the supplied crimp connectors, staggering the splices approx. 1-1/2" apart. (Splices should not overlap.)
- 4.) Apply heat to the splice insulation to shrink the insulation around the wires.

DO NOT cut off your old harness, the wire colors on this repair harness may not match your existing harness. Cut one wire at a time off the old harness and match its location on the new harness. The chart below can be used for reference., but each model and year may differ.



		Repair Harness	Ford 6R80E		GM 6L80E	
Pin	Wire Color	Function	Wire Color	Function		Function
1	RED/WHT	12V BATTERY	WHT/ORG	TSS	RED/WHT	B+
2	BLK/WHT	GROUND	N/A	NOT USED	BLK/WHT	Ground
3	ORN/BLK	PARK/NEUTRAL SIGNAL	BLU/GRY	TCC	ORG/BLK	Park/ Neutral Signal
4	RED/WHT	12V BATTERY	VIO	TRP	RED/WHT	Battery Voltage Feed
5	BLK/WHT	GROUND	GRN/WHT	SIGRTN	BLK/WHT	Ground
6	WHT	STOP LAMP SWITCH SIGNAL	BRN/YEL	TFT	WHT	Stop Lamp Sig
7	PPL	TAP UP/DOWN SIGNAL	BLU/GRN	TSPC	PPL	Selector Signal
8	TAN	CAN- (120 OHM)	GRY/YEL	SSE	N/A	Not Used
9	YEL	12V ACC	BLU/GRN	SSA	YEL/DK BLU	Accessory Voltage Power
10	TAN/BLK	CAN+	BRN/WHT	SSD	TAN/BLK	CAN Hi
11	TAN	CAN-	BRN/BLU	TR GND	TAN	CAN Lo
12	PNK	12V SWITCHED IGNITION	VIO/GRN	TSS/OSS VPWR	PNK	Run/Crank Voltage Power
13	TAN	CAN-	GRY/ORG	SSC	TAN	CAN Lo 2
14	TAN/BLK	CAN+	GRN/BRN	SSB	TAN/BLK	CAN Hi 2
15	TAN/BLK	CAN+ (120 OHM)	BRN/GRN	OSS	N/A	Not Used
16	ORN/BLK	REPLICATED TOS SIGNAL	YEL/VIO	LPC	BRN/WHT	Replicated OSS Signal