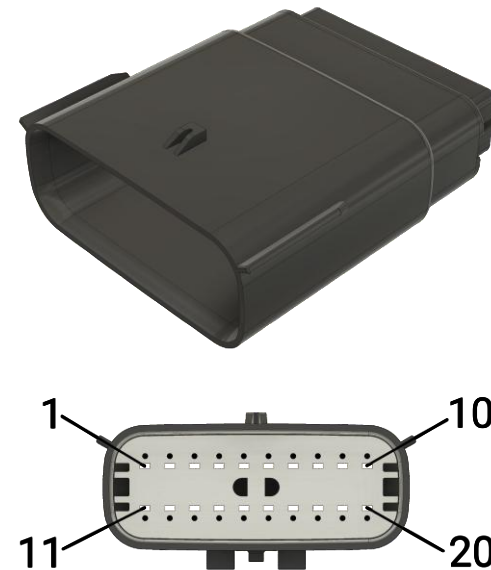


4L60/4L80 TRANSMISSION CONTROL HARNESS FOR CORE ECU

SKU: COR-HAR-004



20W INPUTS/OUTPUTS CONNECTOR (MALE)	HARNESS FUNCTION	PIN DESCRIPTION	WIRE SIZE & COLOR	ECU	PIN
	DRIVE GEAR SELECTION DEMAND#1	2A LOW SIDE DRIVER OUTPUT 1	20 AWG LT GRN	A2	1
	DRIVE GEAR SELECTION DEMAND#2	2A LOW SIDE DRIVER OUTPUT 2	20 AWG YEL/BLK	A8	2
	LINE PRESSURE ACTUATOR	5A HIGH SIDE DRIVER OUTPUT 2	20 AWG RED/BLK	C5	3
	TRANSMISSION OIL TEMPERATURE SENSOR SIGNAL	NTC TEMPERATURE INPUT 5	20 AWG YEL	C34	4
	GEAR SELECTOR 1	GENERAL PURPOSE ANALOG INPUT 9	20 AWG PNK/BLK	C30	5
	GEAR SELECTOR 3	GENERAL PURPOSE ANALOG INPUT 11	20 AWG RED	C32	6
	GEAR SELECTOR 2	GENERAL PURPOSE ANALOG INPUT 10	20 AWG DK BLU	C31	7
	3-2 SHIFT SOLENOID (4L60E)	2A LOW SIDE DRIVER OUTPUT 7	20 AWG WHT	A29	8
	TCC PWM SOLENOID VALVE CONTROL (4L80E)	2A LOW SIDE DRIVER OUTPUT 4	20 AWG TAN/BLK	B22	9
	TORQUE CONVERTER	2A LOW SIDE DRIVER OUTPUT 3	20 AWG BRN	B23	10
	TORQUE CONVERTER PWM VALVE CONTROL	12V IGNITION	18 AWG PNK	-	11
	12V IGNITION	SENSOR GROUND / ANALOG GROUND	18 AWG BLK/WHT	D2	12
	ANALOG GROUND	SPEED INPUT 2	20 AWG PPL/WHT	A24	13
	4L80E INPUT SHAFT SPEED (ISS) SENSOR	GENERAL PURPOSE ANALOG INPUT 12	20 AWG DK GRN	C33	14
	POSSIBLE FUTURE USE FOR LINE PRESURE SENSOR	SENSOR2 +5V POWER	18 AWG LT BLU	D5	15
	SPEED INPUT 2 (+5V)	SPEED INPUT 3	20 AWG DK BLU/RED	B9	16
	SPEED INPUT 3	SPEED INPUT 4	20 AWG PPL/BLK	B21	17
	SPEED INPUT 4	FREQUENCY/DIGITAL INPUT 2	20 AWG LT BLU/PPL	B16	18
	FREQUENCY/DIGITAL INPUT 2	FREQUENCY/DIGITAL INPUT 3	20 AWG LT BLU/YEL	B17	19
	FREQUENCY/DIGITAL INPUT 3	BATTERY NEGATIVE (GROUND)	18 AWG BLK	-	20

BATTERY NEGATIVE (GROUND)

FREQUENCY/DIGITAL INPUT 3

FREQUENCY/DIGITAL INPUT 2

SPEED INPUT 4

SPEED INPUT 3

5V REFERENCE

GENERAL PURPOSE ANALOG INPUT 12

I/O	PIN	WIRE SIZE & COLOR	DESCRIPTION
1	A	20 AWG LT GRN	1-2 SHIFT SOLENOID VALVE CONTROL
2	B	20 AWG YEL/BLK	2-3 SHIFT SOLENOID VALVE CONTROL
3	C	20 AWG RED/BLK	PRESSURE CONTROL SOLENOID VALVE HIGH CONTROL
12	D	20 AWG BLK/WHT	PRESSURE CONTROL SOLENOID VALVE LOW REFERENCE
11	E	18 AWG PNK	12V IGNITION
4	L	20 AWG YEL	TRANS FLUID TEMPERATURE SENSOR SIGNAL
12	M	20 AWG BLK/WHT	TRANS FLUID TEMP SENSOR LOW REFERENCE
5	N	20 AWG PNK/BLK	TRANS RANGE SWITCH SIGNAL A
6	P	20 AWG RED	TRANS RANGE SWITCH SIGNAL C
7	R	20 AWG DK BLU	TRANS RANGE SWITCH SIGNAL B
8	S	20 AWG WHT	3-2 SHIFT SOLENOID (4L60E)
9	T	20 AWG TAN/BLK	TCC PWM SOLENOID VALVE CONTROL (4L80E)
10	U	20 AWG BRN	TCC SOLENOID VALVE CONTROL (4L60E)
			NOT USED (4L80E)

I/O	PIN	WIRE SIZE & COLOR	DESCRIPTION	TWISTED PAIR
12	A	20 AWG BLK/WHT	INPUT SHAFT SPEED SENSOR LOW REFERENCE	
13	B	20 AWG PPL/WHT	INPUT SHAFT SPEED SENSOR SIGNAL	

