

# 4l60e/4l80e Trans Instructions

GM Pin location	GM Wire Color	ProEFI ECU Function	ProEFI Connection Needed	ProEFI Calibration Assignment
A	Light Green	1-2 Shift Solenoid	Spare Low Side Driver (LS output)	Trans Solenoid 'A'
B	Yellow/Black	2-3 Shift Solenoid	Spare Low Side Driver (LS output)	Trans Solenoid 'B'
C	Red/Blk	Switched 12v	Main Relay power Switched from Main Relay	N/A
D	Light Blue/White	Line Pressure Control	Spare Low Side Driver (LS output)	Line Pressure Pin (Output)
E	Pink	Switched 12v Power	Main Relay power Switched from Main Relay	N/A
P	Red/Blk	Range Signal 'C'	Spare Pull up Analog input	OverDrive_AnalogIn
R	Dark Blue	Range signal 'B'	Spare Pull up Analog input	PRNDL_B_AnalogIn
N	Pink	Range signal 'A'	Spare Pull up Analog input	PRNDL_A_AnalogIn
L	Yellow/Black	Trans Temp signal	Spare 2k2 analog input	TransTemp Analog Input
M	Black	Trans Temp Signal Return	Sensor Gnd (Return)	N/A
S	Brown	Torque Converter Lockup	Spare Low Side Driver (LS output)	Trans_TCC_Pin
<b>1st Gear</b>	<b>2nd Gear</b>	<b>3rd Gear</b>	<b>4th Gear</b>	
Sol A = On	Sol A=Off	Sol A=Off	Sol A=On	
Sol B=Off	Sol B=Off	Sol B=On	Sol B=On	

REPAIR HARNESS WIRE COLOR	REPAIR HARNESS WIRE POSITION (SEE FIGURE 2)	FUNCTION	ORIGINAL HARNESS WIRE COLOR	1991 TO 1993 WIRE POSITION (SEE FIGURE 1)	1994 UP WIRE POSITION (SEE FIGURE 2)
LIGHT GREEN	A	1-2 SHIFT	LIGHT GREEN	A	A
YELLOW	B	2-3 SHIFT	YELLOW/BLACK	B	B
RED/BLACK	C	PCS HIGH	RED/BLACK	L	C
LIGHT/BLUE	D	PCS LOW	LIGHT BLUE/WHITE	M	D
PINK	E	+12V IGNITION	PINK/BLACK OR PINK OR BROWN	C	E
BLACK/YELLOW	L	TEMP SIGNAL	BLACK/YELLOW OR YELLOW/BLACK	G	L
BLACK	M	TEMP GROUND	PURPLE OR BLACK	H	M
GRAY	N	PSM SIGNAL A	PINK	D	N
RED	P	PSM SIGNAL C	RED	F	P
BLUE	R	PSM SIGNAL B	DARK BLUE	E	R
BROWN	S	TCC CONTROL	TAN/BLACK OR DARK BLUE OR BROWN	J	S
NONE	UNUSED	NONE	PINK PINK/BLACK	K DO NOT USE	UNUSED

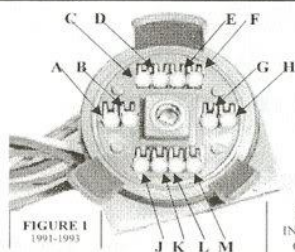


FIGURE 1  
1991-1993

PIN VIEW OF  
INTERNAL CASE  
CONNECTOR.

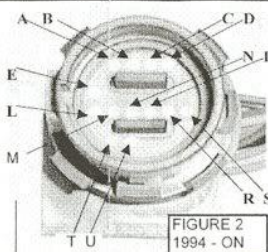


FIGURE 2  
1994 - ON

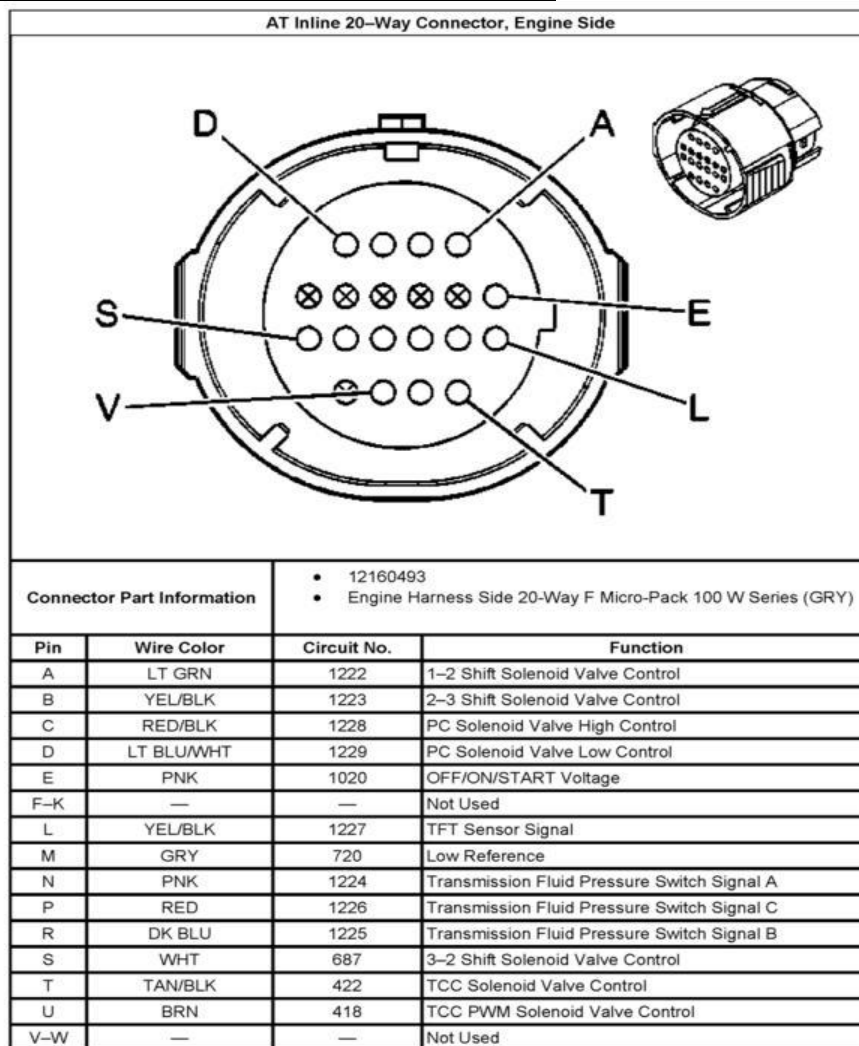
# 4l60e/4l80e Trans Instructions

## Part No. 7017 – 4l60/4l80 Trans Harness Pinout

C1	Color	Function	ProEFI Assignment
A	White/Red	1-2 Shift Solenoid	Spare LS Output
B	White/Black	2-3 Shift Solenoid	Spare LS Output
C	Green	Switched 12V	Main Relay Power
D	Black	Line Pressure Control	Spare LS Output
E	Red	Switched 12V	Main Relay Power
L	White	Trans Temp	Spare 2K2 Pull Up
M	Black	Sensor Return	Sensor Return
N	Purple/Blue	Range Signal 'A'	Spare A/N Pull Up
P	Purple/Yellow	Range Signal 'C'	Spare A/N Pull Up
R	Purple/White	Range Signal 'B'	Spare A/N Pull Up
S	Yellow	Torque Converter Lock Up	Spare LS Output
T	Blue	N/A for 4L60E	N/A
U	Brown	N/A for 4L60E	N/A

**Grey Wire** to Sensor Return

**Red Wire** to Main Relay Power



## 4L80E Internal Wiring

