

Connection Overview for Installing a TCS in a 1997 Mustang Originally Equipped with the 4R70W Using Factory Engine Controls

Large Unified Cable

Color	Function	TCS Pin #	Connect To:
Green	OSS+	Pin 1	Pin 84 – DG/WH (Share)
Grey	OSS-	Pin 2	Connect to TCS Pin # 17
Orange	TOT	Pin 4	Pin 37 – OR/BK (Cut)
Blue	TR3A	Pin 5	Pin 64 – LB/YE (Cut)
Purple	SS2	Pin 7	Pin 1 – P/O (Cut)
Brown	TCC	Pin 9	Pin 54 – BR/OR (Cut)
Red	VPWR	Pin 16	Not Needed in this Application
Black	GRND	Pin 17	Pin 21, 77 or 103 – BK/WH (Share)
Yellow	SS1	Pin 19	Pin 27 – OR/YE (Cut)
Tan	CCS(E4OD only)	Pin 20	Not Used on Mustang
White	EPC	Pin 25	Pin 81 – WH/YE (Cut)

Four Wire Unified Cable

Color	Function	TCS Pin #	Connect To:
White	OD Cancel Light	Pin 8	Pin 79 – WH/LG (Cut)
Black	Table Select Switch	Pin 11	Add on Switch
Green	OD Cancel Switch	Pin 23	Pin 29 – TN/WH (Cut)
Red	Supplies 12V Power For OD Light and Switches Listed Above	NA	Other Side of Add on Switch

Individual Wires

Color	Function	TCS Pin #	Connect To:
White	PIP	Pin 3	Do Not Connect
Black or Pink	Solenoid Ground (Two Wires)	Pins 12 and 24	Chassis Ground
Red	Main Power	Pin 13	Pin 71 or 97 – RD (Share)
Green	TPS	Pin 14	Pin 89 – GY/WH (Share)
Orange	VREF	Pin 15	Pin 90 – BN/WH (Share)
Blue	Manutronic	Pin 18	BL/BK from Cruise Switches (Share)