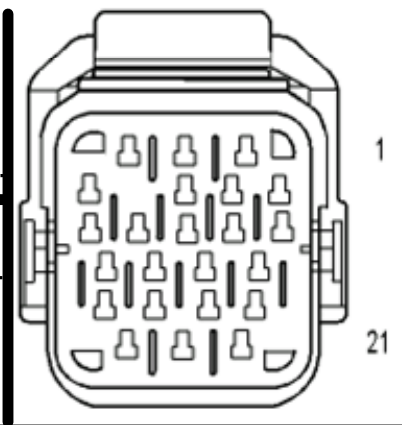


Part Number:
 CONNECTOR ASSEMBLY: CON4600/5019917AA



PIN	WIRE COLOR	FUNCTION	TCU POS
1	RED 18 GA	FUSED IGNITION SWITCH	1-4
2	PINK/RED & VIOLET/RED	L/R SOLENOID CONTROL	53,28
3	-	-	-
4	GRAY/LT.BLUE	TRS T41 SENSE (C1)	16
5	GRAY/WHITE	TRS T42 SENSE (C2)	17
6	BROWN/PINK	BACKUP LAMP FEED	INTERM
7	VIOLET/WHITE	OVERDRIVE SOLENOID CONTROL	52
8	GRAY/LT.GREEN	TRS T3 SENSE (C3)	15
9	GRAY/BLACK	TRS T1 SENSE (C4)	13
10	RED 14GA	TRANSMISSION CONTROL RELAY	1-4
11	BROWN/RED	4C PRESSURE SWITCH SENSE	24
12	VIOLET/BLACK	PRESSURE CONTROL SOLENOID CONTROL	37
13	GRAY/RED	TRS T2 SENSE (C5)	14
14	GRAY/ORANGE	LOW/REVERSE PRESSURE SWITCH SENSE	18
15	BROWN/BLACK	2C PRESSURE SWITCH SENSE	23
16	GRAY/PINK	OVERDRIVE PRESSURE SWITCH SENSE	22
17	VIOLET/LT.BLUE	UNDERDRIVE SOLENOID CONTROL	12
18	GRAY/YELLOW	UNDERDRIVE PRESSURE SWITCH SENSE	21
19	PINK/BLACK	4C SOLENOID CONTROL	59
20	VIOLET/ORANGE	2C SOLENOID CONTROL	45
21	VIOLET/LT.GREEN	MS SOLENOID CONTROL	20
22	BLACK/WHITE	SENSOR GROUND	54
23	YELLOW/ORANGE	TRANSMISSION TEMPERATURE SENSOR	51

Part Number:
 CONNECTOR ASSEMBLY: CON4605/5019958AA

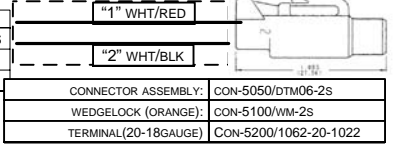
PIN	WIRE COLOR	FUNCTION	TCU POS
1	BLACK/WHITE	SENSOR GROUND	54
2	RED/WHITE	5 VOLT SUPPLY	58
3	YELLOW/RED	LINE PRESSURE SENSOR	47
4	-	-	-

PIN	WIRE COLOR	FUNCTION	TCU POS
1	BLACK/WHITE	SENSOR GROUND	54
2	ORANGE/WHITE	SPEEDOMETER DRIVE	9
3	YELLOW/LT. GREEN	MAP/CLT	48
4	BROWN/BLUE	SPARE DIGITAL INPUT	26
5	BROWN/WHITE	SPARE DIGITAL INPUT	39
6	BROWN/ORANGE	SPARE DIGITAL INPUT	40
7	YELLOW/WHITE	SPARE ANALOG INPUT	50
8	BROWN/LT.GREEN	BRAKE LIGHT	25
9	ORANGE/LT. BLUE	VSS	8
10	YELLOW/LT. BLUE	ELECTRONIC TPS	49
11	BROWN/YELLOW	OD CANCEL	41
12	ORANGE/BLACK	RPM	5
13	YELLOW/BLACK	PEDAL POSITION	46
14	RED/WHITE	+5V REFERENCE	58
15	BROWN/PINK	BACKUP LAMP	TrS6

PIN	WIRE COLOR	FUNCTION	TCU POS
1	ORANGE/RED	OUTPUT SPEED SENSOR	6
2	BLACK/WHITE	SPEED SENSOR GROUND	54

Part Number:
 CONNECTOR ASSEMBLY: CON4610/5014002AA

PIN	WIRE COLOR	FUNCTION	TCU POS
1	ORANGE/LT.GREEN	INPUT SPEED SENSOR	7
2	BLACK/WHITE	SPEED SENSOR GROUND	54



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TITLE:

CHRYSLER 545RFE/45RFE

PART NUMBER:

TCM-4123

DESCRIPTION:

545RFE/45RFE TRANSMISSION HARNESS

DRAWN BY:

R. Cutright

DATE:

6/13/2005

PAGE:

2 OF 2

CPC	Pin Function	Harness Function	45RFE	colors
1	+12v	Battery Connection	+12v	red
2	+12v	Battery Connection	+12v	red
3	+12v	Battery Connection	+12v	red
4	+12v	Battery Connection	+12v	red
5	Speed Input 1	Engine Speed Input	RPM	orange/black
6	Speed Input 2	Transmission Speed Input	Output speed	orange/red
7	Speed Input 3	TCC Speed Input	Input Speed	orange/lt. green
8	Speed Input 4	Optional Speed Input	VSS	orange/lt. blue
9	Speed Output	Speedometer Drive Output	Speedometer Drive	orange/white
10	unused	-	-	-
11	unused	-	-	-
12	PWM Out 4/freq2	PWM/Solenoid Driver	UD Solenoid	violet/lt. blue
13	Digital Input 1	Digital Input	TRS 1	gray/black
14	Digital Input 2	Digital Input	TRS 2	gray/red
15	Digital Input 3	Digital Input	TRS 3	gray/lt. green
16	Digital Input 4	Digital Input	TRS T41 Sense	gray/lt. blue
17	Digital Input 5	Digital Input	TRS T42 Sense	gray/white
18	Digital Input 6	Digital Input	L/R pressure switch sense	gray/orange
19	Digital Out 5	Digital Driver	-	pink/white
20	PWM Out 3/freq2	PWM/Solenoid Driver	MS Solenoid	violet/lt. green
21	Digital Input 7	Digital Input	UD Pressure Switch Sense	gray/yellow
22	Digital Input 8	Digital Input	OD Pressure Switch Sense	gray/pink
23	Digital Input 9	Digital Input	2C Pressure Switch Sense	brown/black
24	Digital Input 10	Digital Input	4C Pressure Switch Sense	brown/red
25	Digital Input 11	Digital Input	Brake Light	brown/lt. green
26	Digital Input 12	Digital Input	Spare Digital 1	brown/lt. blue
27	Digital Out 6	Digital Driver	-	pink/orange
28	PWM Out 2/freq1	PWM/Solenoid Driver	LR Solenoid	violet/red
29	unused	-	-	-
30	RS-232 Transmit	Communications Cable	db9	white/orange
31	RS-232 Receive	Communications Cable	db9	white/lt. blue
32	CAN/RS-232 GND	Communications Cable	db9	white/lt. green
33	CAN High	Communications Cable	-	white/red
34	CAN Low	Communications Cable	-	white/black
35	unused	-	-	-
36	Digital Out 3/PWM 9	Digital Driver	-	pink/lt. green
37	PWM Out 1/freq 1	PWM/Solenoid Driver	LP Solenoid	violet/black
38	unused	-	-	-
39	Digital Input 13	Digital Input	Spare Digital 2	brown/white
40	Digital Input 14	Digital Input	Spare Digital 3	brown/orange
41	Digital Input 15	Digital Input	OD Cancel	brown/yellow
42	Digital Input 16	Digital Input	-	brown/pink
43	unused	-	-	-
44	Digital Out 4	Digital Driver	-	pink/lt. blue
45	PWM Out 6/freq1	PWM/Solenoid Driver	2C Solenoid	violet/orange
46	Analog Input 1	Analog Input	Pedal Position	yellow/black
47	Analog Input 2	Analog Input	LP Sensor	yellow/red
48	Analog Input 3	Analog Input	MAP/CLT	yellow/lt. green
49	Analog Input 4	Analog Input	Electronic TPS	yellow/lt. blue
50	Analog Input 5/temp	Analog Input	Spare Analog	yellow/white
51	Analog Input 6/temp	Analog Input	TFT+	yellow/orange
52	Pwm Out 5/freq 1	PWM/Solenoid Driver	OD Solenoid	violet/white
53	Digital Out 2/PWM 8	Digital Driver	LR/TCC Solenoid	pink/red
54	Sensor/AD Gnd	Sensor or reference Gnd	Sensor Ground	black/white
55	unused	-	-	-
56	unused	-	-	-
57	unused	-	-	-
58	Ref Voltage (+5v)	Sensor/reference Voltage	-	red/white
59	Digital Out 1/PWM 7	Digital Driver	4C Solenoid	pink/black
60	Gnd	Battery Connection	Gnd	black
61	Gnd	Battery Connection	Gnd	black
62	Gnd	Battery Connection	Gnd	black
63	Gnd	Battery Connection	Gnd	black

REV.	DESCRIPTION	DATE	BY
0	45RFE ORIGINAL HARNESS	6/13/2005	RC
1	545RFE ADDED, DIRECT PLUGIN HARNESS	3/14/2006	JB

db9 pinout	DB9	
1	none	
2	transmit	brown Pin 30
3	receive	red Pin 31
4	none	
5	gnd	yellow Pin 32
6	none	
7	none	
8	none	
9	none	

Extra wires list	
1	pink/lt. blue
2	pink/lt. green
3	pink/white
4	pink/orange
5	white/red
6	white/black