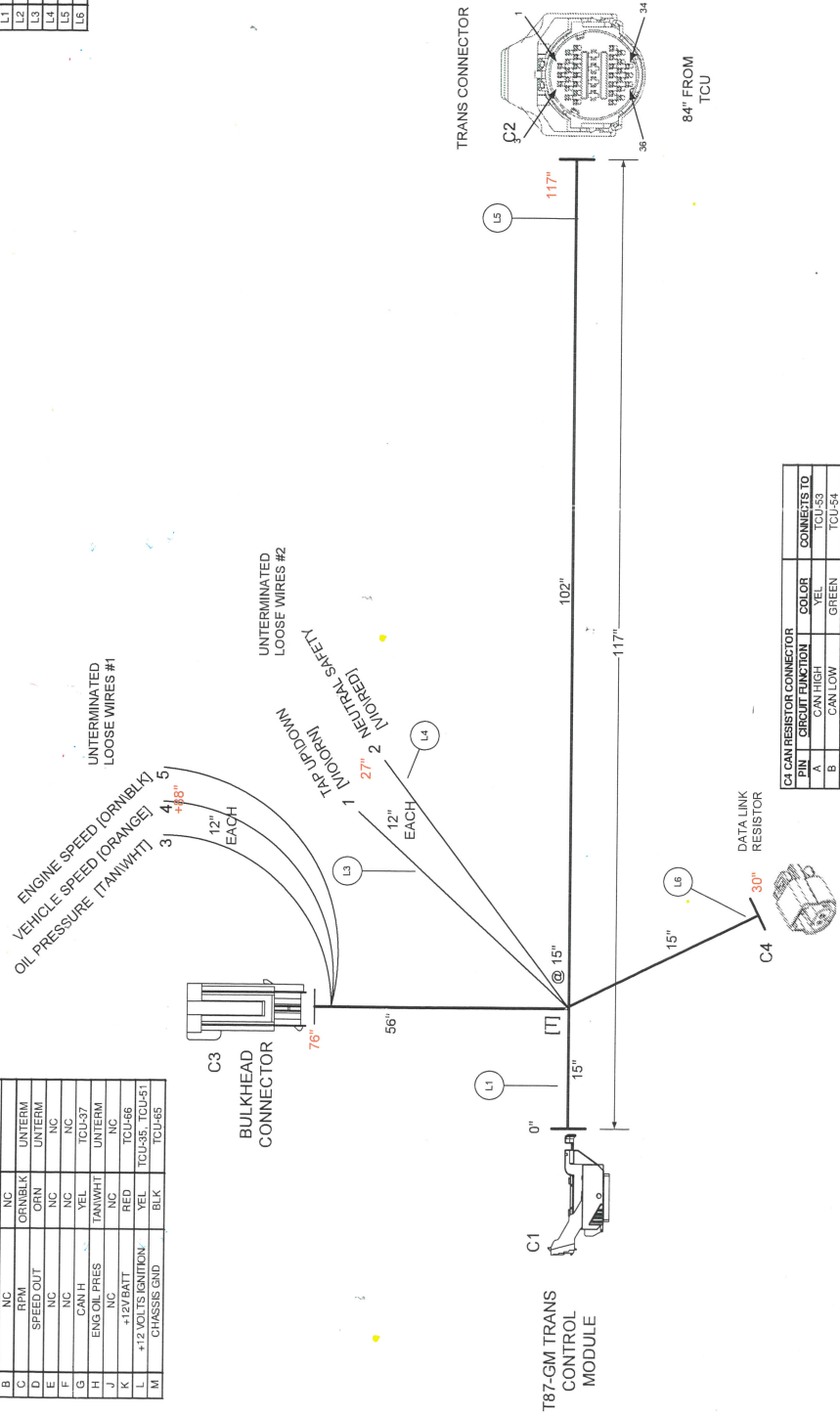


C3 BULKHEAD CONNECTOR	COLOR	GOES TO
A CAN L	GRN	TCU-38
B NC	NC	NC
C RPM	GRNBLK	UNTERM
D SPEED OUT	GRN	UNTERM
E NC	NC	NC
F CAN HRES	NC	NC
G CAN H PRES	YEL	TCU-57
H ENG P	TAN/WHIT	UNTERM
I +12V/BATT	RED	TCU-66
J +12 VOLTS IGNITION	YEL	TCU-35, TCU-51
K CHASSIS GND	BLK	TCU-45

NUM	NAME	PCS PIN	PRINT #	NOTES
L1	GM HARNESS 24284057	WFE-6501	F362	
L2	BULKHEAD CONNECTOR	WFE-6500	F64	
L3	TAP UP/DOWN	WFE-6500	F363	
L4	NEUTRAL SAFETY	WFE-6500	F274	
L5	TRANSMISSION CONNECTOR	WFE-6501	F107	
L6	DATA LINK RESISTOR	WFE-6500	F261	

C2 TRANS CONNECTOR	CIRCUIT FUNCTION	COLOR CHANGE	GOES TO
1	TCU ON/OFF A	NC	CL-21
2	NC	NC	NC
3	CLUTCH E CONT	YEL/BLK	CL-20
4	CLUTCH D CONT	GRY/LTGRN	CL-3
5	CLUTCH A CONT	BRN	CL-18
6	CLUTCH B CONT	BLK/PNK	CL-2
7	TCC ON/OFF B	DK/BLU	CL-22
8	NC	NC	NC
9	NC	NC	NC
10	CLUTCH C CONT	GV	CL-19
11	TRANS TEMP (A)	BRN/BLK	CL-28
12	TRANS OIL TEMP	BRN/WHIT	CL-63
13	CLUTCH G CONT	WHT	CL-17
14	CLUTCH H CONT	TAN/WHIT	CL-1
15	NC	NC	NC
16	NC	NC	NC
17	NC	NC	NC
18	TRANS HIGH SIDE DRIVER #1	PNK	CL-33
19	TRANS HIGH SIDE DRIVER #2	GRY/BLK	CL-49
20	NC	NC	NC
21	PRNDL C SIG	WHT/BLK	CL-60
22	PRNDL A SIG	W/WHIT	CL-62
23	PRNDL P SIG	GRY/WHIT	CL-59
24	OUT SPEED SEN	GRY/LT/BLU	CL-14
25	TRANS SEN B VOLT	YEL/LTGRN	S2, CL-15
26	OUT SPEED SEN	GREEN	CL-15
27	TRANS SEN A VOLT	YED/BLU	S1, CL-8
28	PRNDL B SIG	GRY/RED	CL-61
29	TRANS SEN A VOLT	YEL/LT/BLU	S1, CL-8
30	IMS MODE SW RET	GRY/PNK	CL-25
31	TRANS SEN A VOLT	YEL/LTGRN	S2, CL-7
32	TRANS INT SPEED	W/LTGRN	CL-13
33	NC	NC	NC
34	PRNDL S SIG	GRY/YEL	CL-47
35	TRANS PN SIG	VOL/RED	UNTERM
36	NC	NC	NC



C4 CAN RESISTOR CONNECTOR	CIRCUIT FUNCTION	COLOR	CONNECTS TO
A	CAN HIGH	YEL	TCU-33
B	CAN LOW	GREEN	TCU-34

LEVEL	REVISION HISTORY
1	ISSUED
2	REVISED
3	REVISED
4	REVISED
5	REVISED
6	REVISED
7	REVISED
8	REVISED

Print Date: 1/25/2017
1600

S#	FUNCTION	COLOR
S1	TRANS SEN A VOLT	YEL/LT/BLU
S2	TRANS SEN B VOLT	YEL/LT/BLU
S3	CLUTCHANK IGN 1 VOLT	YEL

APPLICABLE STANDARDS:
 • ASME Y14.100-200
 • ASME Y14.5M-1994
 • IPC/WHMA-A-620A
 • CUGS 2
 • MARK (AWR) MIL-STD-130

NOTE:
 1. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY.
 2. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
 3. TYPICAL DIMENSIONS.
 4. DIMENSIONS AT STATED FINISHES.
 5. DIMENSIONS AT LEAST TO 1/16" TYPICAL.
 6. DIMENSIONS AT LEAST TO 1/32" TYPICAL.
 7. DIMENSIONS AT LEAST TO 1/64" TYPICAL.
 8. DIMENSIONS AT LEAST TO 1/128" TYPICAL.
 9. DIMENSIONS AT LEAST TO 1/256" TYPICAL.
 10. DIMENSIONS AT LEAST TO 1/512" TYPICAL.

COMPANY: POWERTRAIN CONTROL SOLUTIONS
 TITLE: 81.90 TO TCM T87
 GM 24284057

CUSTOMER DRAWING NO.: TCM-7050
 PART NUMBER: TCM-7050
 REV: 001

DATE: 5/17/2016
 APPROVED BY: XXXXX
 DRAWN BY: FRED D.