



PIN	CIRCUIT FUNCTION	COLOR	GOES TO
1	CAN1 L	WHT/BLK	C3-2
2	NEUTSAFE	BRN/RED	UNTERM
3	GND WHEN REV	BRN/LT.GRN	UNTERM
4	SIGNAL GND	BLK/WHT	C2-B
5	-DIS	GRY/WHT	UNTERM
6	-5V SEN	RED/WHT	C2-A
7	CAN1 H	WHT/RED	C2-B
8	CHECK TRANS	PNK/LT.GRN	UNTERM
9	TPS	YEL/BLK	C2-C
10	+12V BATTERY	RED	UNTERM
11	+12 VOLTS IGNITION	YEL	UNTERM
12	CHASSIS GND	BLK	UNTERM

LOCATION	DISCRIPTION	LENGTH	PART#
LOOM1	1/2" BLACK CONVOLUTED LOOM	20"	WRE-3003/LCN500
LOOM2	1/4" BLACK CONVOLUTED LOOM	4"	WRE-3000/LCN250
LOOM3	1/4" BLACK CONVOLUTED LOOM	52"	WRE-3000/LCN250

APPLICABLE STANDARDS

- ASME Y14.100-200
- ASME Y14.5M-1994
- IPC/WHMA-A-620A-CLASS 2
- MARK IAW MIL-STD-130.

NOTES

- 1.) WIRE LENGTH TOLERANCE +/- 1/2 INCH
- 2.) WIRE GAUGE IS 20 AWG UNLESS OTHERWISE STATED
- 3.) TAPE ALL LOOM JOINTS UNLESS OTHERWISE STATED
- 4.) TWIST INDICATED WIRES AT LEAST 10-12 TURNS PER FOOT
- 5.) PLACE TAGS NO MORE THAN 2" FROM CONNECTOR. PLACE TAGS FOR UNTERMINATED WIRES NO MORE THAN 2" FROM UNTERMINATED END.
- 6.) WIRE TYPE IS TXL UNLESS OTHERWISE STATED

COMPANY: POWERTRAIN CONTROL SOLUTIONS

TITLE: TCM-4659-001 BULKHEAD HARNESS FOR 2600 E-SHIFT TCU HARNESS TCM-4663-001

DATE: 4/12/2018

DRAWN BY: FRED D.

APPROVED BY:

DATE: 4/12/2018

DATE: 7/11/2019

1700

SIZE: C

CUSTOMER DRAWING NO:

PCS PART NUMBER: TCM-4659

REV: 003

SHEET PAGE 1

LEVEL	DESCRIPTION	DATE	DRN	APP
1	RELEASE	4/12/18	FD	
1A	TPS LENGTH CHANGE SEE REDLINE 1/17/2019	1/17/19	FD	
1B	HARNESS UPDATE AND INSTRUCTION SHEET	1/8/19	FD	
1C	TEXT UPDATES	7/11/19	FD	

FULL FILENAME

\\PCSSTORAGE\OLDZ\PCS PRODUCTS\TRANSMISSION CONTROLLERS\TCM-2600\HARNESS\TCM-4659-001 BULKHEAD HARNESS FOR 2600 E-SHIFT TCU HARNESS\TCM-4659-003 BULKHEAD HARNESS FOR 2600 E-SHIFT TCU HARNESS.VSD