

Powertrain Control Solutions, LLC.

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DRAWN BY: Jim Taylor DATE: 12/12/2005 PAGE: 1 OF 5

TITLE:

**D200
 UNIVERSAL HARNESS**

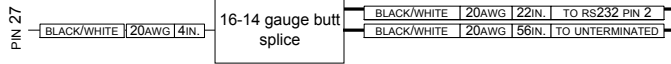
PART NUMBER: DIS-4000

DESCRIPTION:

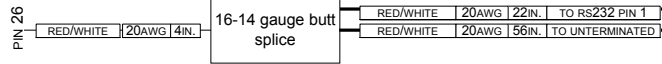
UNIVERSAL HARNESS WITH ALL WIRES, OBD-II, CAN, RS232

REV.	DESCRIPTION	DATE	BY
0	ORIGINAL	12/12/2005	JT
1	RS232 & CAN ADDED	4/12/2006	JT
2	ACCESSORIES ADDED, ERROR REVISIONS	8/10/2006	JB

Splice A:



Splice B:



Part Numbers:

CONNECTOR ASSEMBLY:	CON-0029/205839-3
BACKSHELL:	CON-0004/206070-1
TERMINAL:	CON-0044/5-66504-9

Part Numbers:

CONNECTOR ASSEMBLY:	CON-0083/206486-2
TERMINAL(20-18GAUGE):	CON-0045/66506-3
SHRINK TUBE:	WRE-4053/h3n1.00

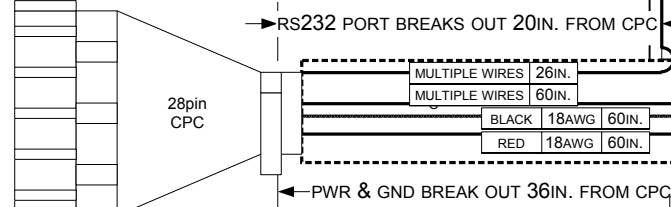


RS232 Port

PIN	FUNCTION	COLOR
1	+5V	RED/WHITE
2	SIGNAL GROUND	BLACK/WHITE
3	RS232 Tx (TRANSMIT)	BROWN/BLACK
4	RS232 Rx (RECEIVE)	BROWN/RED
5	RS232 GROUND	BROWN/BLUE
6	NOT USED	-
7	NOT USED	-
8	NOT USED	-
9	NOT USED	-

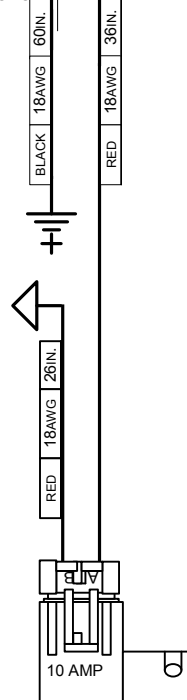
Unterminated Wires

Wire	Color	Length
PWM 1	VIOLET/BLACK	7
PWM 2	VIOLET/RED	8
SPEED INPUT 1	ORANGE/BLACK	16
SPEED INPUT 2	ORANGE/RED	17
ANALOG INPUT 1	GRAY/BLACK	18
ANALOG INPUT 2	GRAY/RED	19
ANALOG INPUT 3	GRAY/LT.GREEN	20
ANALOG INPUT 4	GRAY/LT.BLUE	21
ANALOG INPUT 5	GRAY/WHITE	22
ANALOG INPUT 6	GRAY/ORANGE	23
ANALOG INPUT 7	GRAY/YELLOW	24
ANALOG INPUT 8	GRAY/PINK	25
REF VOLT (+5 SEN OUT)	RED/WHITE	26
SENSOR GND	BLACK/WHITE	27



Pin	Colors	Pin Function
1	Red	+12v
2*	Yellow/Black	OBD2 - PWM +/- VPW
3*	Yellow/Red	OBD2 - PWM-
4*	Yellow/Lt.Green	OBD2 - Line
5*	Yellow/Lt.Blue	OBD2 - Kline
6*		
7	Violet/Black	PWM 1
8	Violet/Red	PWM2
9	White/Red	CAN A High
10*	Pink/Red	CAN B High
11*	Pink/Black	Can B Low
12	Brown/Black	RS-232 Transmit 1
13	Brown/Red	RS-232 Receive 1
14	Brown/Blue	RS-232 Gnd 1
15	White/Black	Can A Low
16	Orange/Black	Speed Input 1
17	Orange/Red	Speed Input 2
18	Gray/Black	Analog Input 1
19	Gray/Red	Analog Input 2
20	Gray/Lt. Green	Analog Input 3
21	Gray/Lt.Blue	Analog Input 4
22	Gray/White	Analog Input 5
23	Gray/Orange	Analog Input 6
24	Gray/Yellow	Analog Input 7
25	Gray/Pink	Analog Input 8
26	Red/White	Ref Volt (+5v Sen Out)
27	Black/White	Sensor Gnd
28	Black	Gnd

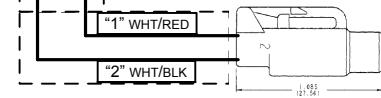
* Not Wired



Part Numbers:

CONNECTOR ASSEMBLY:	CON-2200/15300027
FUSE CAP:	CON-2201/ES10CAP
TERMINAL(18-16GAUGE):	CON-1016/12048159
CABLE SEAL(20-16GAUGE):	CON-1004/12089679

Twisted Pair



Part Numbers:

CONNECTOR ASSEMBLY:	CON-5050/DTM06-2S
WEDGELOCK (ORANGE):	CON-5100/WM-2S
TERMINAL(20-18GAUGE):	CON-5200/1062-20-1022
SHRINK TUBE:	WRE-4053/h3n1.00