

DIAGNOSTIC CONNECTOR			
TERMINAL POSITION	CIRCUIT NUMBER	TERMINAL POSITION	CIRCUIT NUMBER
A	900D	D	NONE
B	901D	E	953H
C	439G	F	NONE

CAB FEEDTHROUGH					
TERMINAL POSITION	CIRCUIT NUMBER	TERMINAL POSITION	CIRCUIT NUMBER	TERMINAL POSITION	CIRCUIT NUMBER
1	417A	9	-	17	595A
2	419A	10	520A	18	583A
3	439H	11	529A	19	-
4	-	12	541A	20	900A
5	-	13	-	21	901A
6	-	14	543A	22	908A
7	509A	15	540A	23	908A
8	-	16	545A	24	916A

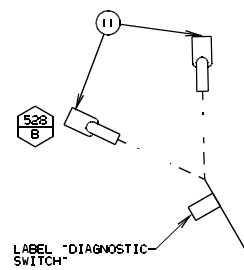
- NOTES:
- 1) ASSEMBLE PER PETERBILT MFS 1600.002 EXCEPT CRIMP ONLY ON DEUTSCH CONNECTOR TERMINALS
 - 2) CIRCUITS 800 AND 801, AND 900 AND 901 ARE A TWISTED PAIR AND SHALL HAVE ONE TWIST PER 20-25 MM. THIS TWIST IS TO REMAIN INTACT AND COVERED WITH SLIT CONVULATED TUBING WHERE SHOWN. SPOT TAPE EVERY 100MM.
 - 3) INSTALL CAP ON CONNECTOR.
 - 4) SOLID LINES MAY BE HELD USING BLACK UV NYLON TIE STRAPS SPACED OUT IN 100MM INCREMENTS.

CLASSIFICATION OF CHARACTERISTICS	DATE	REV	ISSUE	ISSUE	ISSUE
THIS DRAWING APPLICABLE TO ALL EQUIPMENT UNLESS OTHERWISE SPECIFIED. THESE "CHANGE" CONNECTIONS TO PREVIOUS REV. 301. CLASSIFICATION OF CHARACTERISTICS ARE SHOWN. ALL ITEMS ARE INCORPORATED.					
TITLE				PART NUMBER	
HARNES-DOEC III				16-05992	
CAB				REV 1.06	
DRAWN BY				DATE	
J				16-05992	
				REV 1.06	

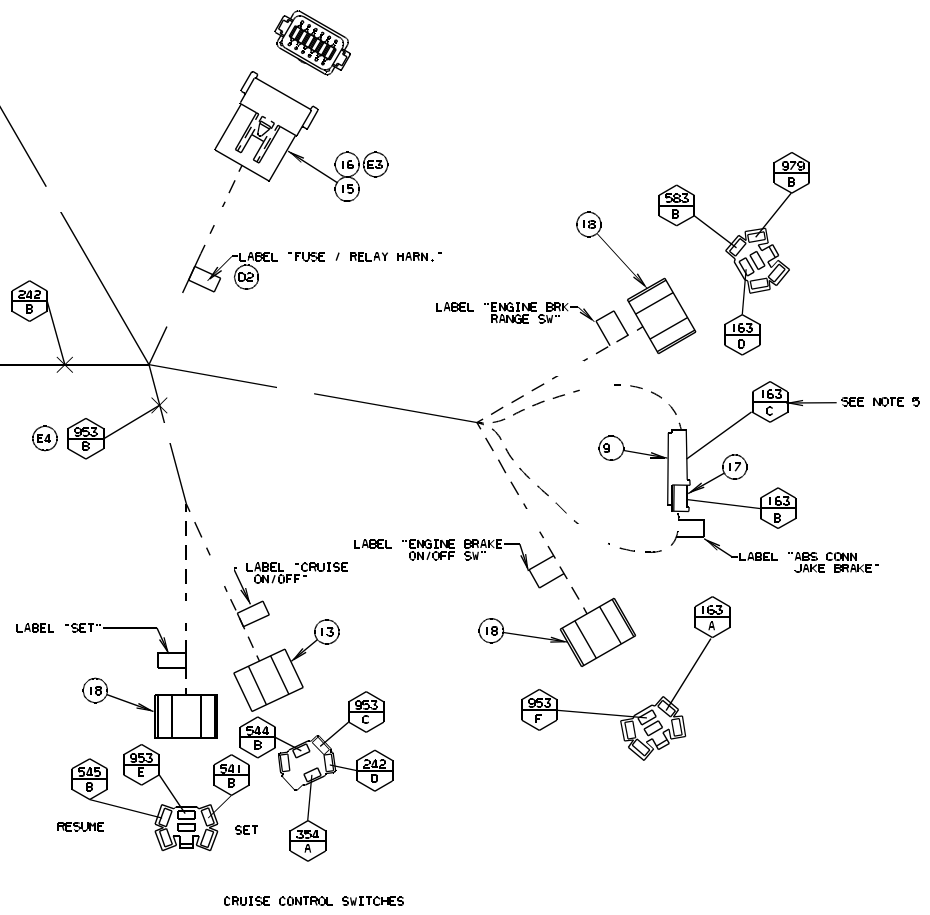
CONTINUED ON SHEET 2

12-WAY DEUTSCH CONNECTOR			
TERMINAL POSITION	CIRCUIT NO.	TERMINAL POSITION	CIRCUIT NO.
1	220A	7	543B
2	-	8	555B
3	242C	9	953G
4	439B	10	-
5	439C	11	-
6	524B	12	-

DIAGNOSTIC/OVERRIDE SWITCH



CONTINUED FROM SHEET 1



CRUISE CONTROL SWITCHES

CLASSIFICATION OF CHARACTERISTICS
 THIS DRAWING SPECIFIC TO THIS MODEL. IT IS NOT TO BE USED FOR OTHER MODELS. THE CLASSIFICATION OF CHARACTERISTICS IS THE PROPERTY OF THE COMPANY. ALL RIGHTS ARE RESERVED. ALL ITEMS ARE INDICATED.

REV	DATE	BY	CHKD	APPROVED	ISSUE NO.	REV	DATE	BY	CHKD	APPROVED
TITLE: HARNESS-DOEC III CAB PROC: SHARED DATA D 16-05992 SHEET NO. 16-05992										

CIRCUIT	GA	WIRE	LOC	TERMINAL	LOC	TERMINAL	FUNCTION
DDEC163AB	16	16-04447	A	16-03276	B	16-02888	JAKE SIGNAL- ON/OFF SWITCH TO ABS CONNECTOR
DDEC163CD	16	16-04447	C	16-02887	D	16-03276	JAKE SIGNAL- ABS CONNECTOR TO RANGE SWITCH
DDEC220AB	16	16-04447	A	16-04479-002	B	16-02887	FAN SIGNAL- CONNECTOR TO LIGHT BAR CONNECTOR
DDEC242AB	16	16-04447	A	16-02887	B	SPLICE	POWER- SPLICE TO CONNECTOR
DDEC242BC	16	16-04447	B	SPLICE	C	16-04479-002	POWER- SPLICE TO CONNECTOR
DDEC242BD	16	16-04447	B	SPLICE	D	16-04536	POWER- SPLICE TO CRUISE SWITCH
DDEC354AB	16	16-04447	A	16-02888	B	16-02887	CRUISE LIGHT- CRUISE ON/OFF SW TO LIGHT BAR CONNECTOR
DDEC417AB	18	16-04446	A	16-04479-002	B	16-04480-002	THROTTLE POSITION SENSOR SIGNAL- FIREWALL TO THROTTLE PEDAL
DDEC419AB	18	16-04446	A	16-04479-002	B	16-03315	CHECK ENGINE LIGHT- FIREWALL TO LIGHT BAR CONNECTOR
DDEC439AB	16	16-04447	A	16-02887	B	16-04479-002	SWITCHED POWER- IGNITION SWITCH TO CONNECTOR
DDEC439CD	16	16-04447	C	16-04479-002	D	16-02887	SWITCHED POWER- CONNECTOR TO KILL SWITCH CONNECTION
DDEC439EF	16	16-04447	E	16-02888	F	SPLICE	SWITCHED POWER- KILL SWITCH CONNECTOR TO SPLICE
DDEC439FG	14	16-04448	F	SPLICE	G	16-05911	SWITCHED POWER- SPLICE TO DIAGNOSTIC CONNECTOR
DDEC439FH	16	16-04447	F	SPLICE	H	16-04479-002	SWITCHED POWER- SPLICE TO FIREWALL
DDEC509AB	18	16-04446	A	16-04479-002	B	16-03315	STOP ENGINE LIGHT- FIREWALL TO LIGHT BAR CONNECTOR
DDEC524AB	18	16-04446	A	16-04479-002	B	16-04479-002	PARKING BRAKE INTERLOCK- FIREWALL TO CONNECTOR
DDEC528AB	18	16-04446	A	16-04479-002	B	16-02104	STOP ENGINE OVERRIDE/DIAGNOSTIC REQUEST SWITCH- FIREWALL TO SWITCH
DDEC541AB	16	16-04447	A	16-04479-002	B	16-02893	CRUISE SET SIGNAL- FIREWALL TO CRUISE RANGE SWITCH
DDEC543AB	18	16-04446	A	16-04479-002	B	16-04479-002	SERVICE BRAKE SIGNAL- FIREWALL TO CONNECTOR
DDEC544AB	18	16-04446	A	16-04479-002	B	16-04536	CRUISE ENABLE- FIREWALL TO CRUISE ON/OFF SWITCH
DDEC545AB	16	16-04447	A	16-04479-002	B	16-02893	CRUISE RESUME SIGNAL- FIREWALL TO CRUISE RANGE SWITCH
DDEC555AB	18	16-04446	A	16-04479-002	B	16-04479-002	FAN ENABLE SIGNAL- FIREWALL TO CONNECTOR
DDEC583AB	18	16-04446	A	16-04479-002	B	16-03276	ENGINE BRAKE MEDIUM- FIREWALL TO ENGINE BRAKE RANGE SWITCH
DDEC800AB	18	16-04446 (SEE NOTE 2)	A	16-04479-002	B	16-04479-002	J1922 DATA LINK (+)
DDEC801AB	18	16-04446 (SEE NOTE 2)	A	16-04479-002	B	16-04479-002	J1922 DATA LINK (-)
DDEC900AB	18	16-04446 (SEE NOTE 2)	A	16-04479-002	B	SPLICE	DATA LINK (+)- FIREWALL TO SPLICE
DDEC900BC	18	16-04446 (SEE NOTE 2)	C	16-04533	B	SPLICE	DATA LINK (+)- SPLICE TO CONNECTOR
DDEC900BD	14	16-04448 (SEE NOTE 2)	D	16-05911	B	SPLICE	DATA LINK (+)- SPLICE TO DIAGNOSTIC CONNECTOR
DDEC901AB	18	16-04446 (SEE NOTE 2)	A	16-04479-002	B	SPLICE	DATA LINK (-)- FIREWALL TO SPLICE
DDEC901BC	18	16-04446 (SEE NOTE 2)	C	16-04533	B	SPLICE	DATA LINK (-)- SPLICE TO CONNECTOR
DDEC901BD	14	16-04448 (SEE NOTE 2)	D	16-05911	B	SPLICE	DATA LINK (-)- SPLICE TO DIAGNOSTIC CONNECTOR
DDEC908AB	18	16-04446	A	16-04479-002	B	16-03315	PWM #1 OUTPUT- FIREWALL TO CONNECTOR
DDEC908AB	18	16-04446	A	16-04479-002	B	16-03340	PWM #1 OUTPUT- FIREWALL TO CONNECTOR
DDEC916AB	18	16-04446	A	16-04479-002	B	16-04480-002	SENSOR POWER TPS- FIREWALL TO THROTTLE PEDAL
DDEC952AB	18	16-04446	A	16-04479-002	B	16-04480-002	SENSOR RETURN- FIREWALL TO THROTTLE PEDAL
DDEC953AB	18	16-04446	A	16-04479-002	B	SPLICE	GROUND-FIREWALL TO SPLICE
DDEC953BC	18	16-04446	C	16-04536	B	SPLICE	GROUND-SPLICE TO CRUISE ON/OFF SWITCH
DDEC953BD	18	16-04446	D	16-02104	B	SPLICE	GROUND- SPLICE TO DIAGNOSTIC/OVERRIDE SWITCH
DDEC953BE	18	16-04446	E	16-02893	B	SPLICE	GROUND- SPLICE TO SET/RESUME SWITCH
DDEC953BF	18	16-04446	F	16-03276	B	SPLICE	GROUND- SPLICE TO SET/RESUME SWITCH
DDEC953BG	18	16-04446	G	16-04479-002	B	SPLICE	GROUND- SPLICE TO CONNECTOR
DDEC953BH	14	16-04448	H	16-05911	B	SPLICE	GROUND- SPLICE TO DIAGNOSTIC CONNECTOR
DDEC979AB	18	16-04446	A	16-04479-002	B	16-03276	ENGINE BRAKE LOW- FIREWALL TO ENGINE BRAKE RANGE SWITCH

21	16-04465	SHROUD 2-WAY WEATHERPACK	1
20	16-06178	DEUTSCH PLUG, 2-WAY	1
19	16-06179	DEUTSCH RECEPTACLE, 2-WAY	1
18	16-03282	SWITCH CONNECTOR	3
17	16-02896	SHELL, 1-WAY MALE	3
16	16-04483	PLUG	13
15	16-06778	DEUTSCH RECEPTACLE, 12-WAY	1
14	16-04531	SEAL	2
13	16-03191	SWITCH CONNECTOR	1
12	16-04121	CAVITY PLUG	2
11	16-02103	HOLD, TERMINAL	2
10	16-02899	SHELL 2-WAY FEMALE	1
9	16-02897	SHELL, 1-WAY FEMALE	8
8	16-05514	DEUTSCH PLUG, 3-WAY	1
7	16-05925	DIAGNOSTIC CONNECTOR	1
6	16-04464	TOWER, 2-WAY WEATHERPACK	1
5	16-06165	DUST CAP	1
4	16-04978	GASKET, DEUTSCH CONNECTOR	1
3	16-04545	LOCKWASHER	1
2	16-04544	NUT, PANEL	1
1	16-05985	DEUTSCH CONNECTOR, 31-PIN	1

CLASSIFICATION OF CHARACTERISTICS
THIS DRAWING APPLICABLE TO ALL UNLESS
OTHERWISE SPECIFIED. CHARACTERISTICS
SHOWN IN THIS DRAWING ARE SUBJECT TO
CHANGE WITHOUT NOTICE. ALL DIMENSIONS
AND TOLERANCES ARE IN INCHES UNLESS
OTHERWISE SPECIFIED. ALL DIMENSIONS
AND TOLERANCES ARE IN MILLIMETERS UNLESS
OTHERWISE SPECIFIED.

DATE: 16-05992
REV: 1
TITLE: HARNESS-DDEC III
CAB