



SYMBOL	DESCRIPTION	DATE	BY
12	P11 REMOVED APPRAGE NOTE P0000143	02/02/03	WJ/MB
B	J10 WAS BK-3ABS-2.0	02/02/03	WJ/MB
E	E118 WAS 9 CONN. SYMBOL P0003139	02/02/03	WJ/MB
F	ADDED BENDIX ESP.	02/02/03	WJ/MB
G	B4 REVISION SHEET	02/02/03	WJ/MB
H	LEGENDS 12-20	02/02/03	WJ/MB

NOTES

- THE NON-CONDUCTING MALE TERMINAL OF THE POWER SUPPLY HARNESS CONNECTOR SEPARATES A SPRING LOADED SLIP SWITCH WHICH MUST BE OPEN TO INDICATE THE WARNING LAMP AND GROUND. IF THE CONNECTOR BECOMES UNPLUGGED, THE ABS WARNING LAMP WILL BE ILLUMINATED, INDICATING A DISCONNECTED POWER SUPPLY CONNECTOR.
- ABS 1839 CONNECTORS 'A' & 'B' MUST BE PROPERLY CONNECTED WITH WABCO 'D' VERT. ON.

REFERENCE SYMBOL LEGEND

29 = 29 PIN CHASSIS BULKHEAD CONNECTOR
31 = 31 PIN ABS BULKHEAD CONNECTOR
17 = ABS/ATC 17 PIN ECU POWER SUPPLY CONNECTOR - X1
18 = ABS/ATC 18 PIN ECU CONNECTOR - X2
10 = PANEL 'D' - ABS TRACTION/ATC LIMITED SLIP CONNECTOR
59 = 'ABC' CLUSTER CONNECTOR
15 = ABS/ATC 15 PIN ECU CONNECTOR - X3

WIRING DIAGRAM SHEET LEGEND

SH 1 - POWER DISTRIBUTION
SH 2 - LIGHTING CIRCUITS
SH 3 - AUTO/ULTRA SLIP SHIFTS
SH 4 - STD. BASIC CIRCUIT 'B'
SH 5 - V-MAC CIRCUITS
SH 6 - EPA 02 ECU CIRCUITS
SH 7 - ABS WABCO E-VERSION
SH 8 - ABS WABCO E-VERSION
SH 9 - GROUND CIRCUITS
SH 10 - ENGINE POWER DISTR.

ANTI-LOCK BRAKE SYSTEM (ABS)

INDICATES A CIRCUIT CONTINUATION ELSEWHERE ON THIS DIAGRAM. INSIDE NUMBER IS A REFERENCE FOR SHOWING CIRCUIT CONTINUATION.

***** INDICATES EXISTING WIRES

INDICATES KEY CONTROL CHARACTERISTICS:
INDICATES THESE ITEMS ON WIRING DIAGRAMS ARE MANDATORY.
STATISTICAL APPLICATION ARE MANDATORY.

APPLIED TO THIS INC. [] YES [] NO

CONTRACT RELEASE ONLY

SEE NOTE #1
ELECTRONIC CONTROL UNIT
BENDIX ABS 6S/6M

CONTRACT RELEASE ONLY

SEE NOTE #1
ELECTRONIC CONTROL UNIT
BENDIX ABS 4S/4M

BENDIX ABS SYSTEM WITH ANTI ROLLOVER (ESP) (OPTIONAL)

DRIVE AXLE: WHEEL SPEED, TRACTION CONTROL VALVE (TTC), ADD. AXLE LEFT/RIGHT HAND MODULATOR VALVE, ADD. AXLE LEFT/RIGHT HAND SPEED SENSOR, TRAILER Traction Pressure Modulator Valve (TTPM).

STEER AXLE: WHEEL SPEED, STEER AXLE LEFT/RIGHT HAND MODULATOR VALVE, WHEEL SPEED, STEER AXLE LEFT/RIGHT HAND SPEED SENSOR.

ADDITIONAL AXLE: WHEEL SPEED, ADD. AXLE LEFT/RIGHT HAND MODULATOR VALVE, ADD. AXLE LEFT/RIGHT HAND SPEED SENSOR.

DRIVE AXLE: WHEEL SPEED, TRACTION CONTROL VALVE (TTC), ADD. AXLE LEFT/RIGHT HAND MODULATOR VALVE, ADD. AXLE LEFT/RIGHT HAND SPEED SENSOR, TRAILER Traction Pressure Modulator Valve (TTPM).

STEER AXLE: WHEEL SPEED, STEER AXLE LEFT/RIGHT HAND MODULATOR VALVE, WHEEL SPEED, STEER AXLE LEFT/RIGHT HAND SPEED SENSOR.

ADDITIONAL AXLE: WHEEL SPEED, ADD. AXLE LEFT/RIGHT HAND MODULATOR VALVE, ADD. AXLE LEFT/RIGHT HAND SPEED SENSOR.