GENERAL SPECIFICATIONS		
NO.	SUBJECT	APPLIES TO
812GS112	GRAPHIC SYM - ELECT. & ELECTRONIC DIAG.	ALL

CONNECTOR W/SYMBOL	POLE	WIRE DESIGNATION
VEHICLE CONTROL UNIT VJ1 CONNECTOR VJ1 18 SYMBOL 18 PIN	1	VJ1-1-0.8
	2	VJ1-2-0.8
	3	VJ1-3-0.8
	4	VJ1-4-0.8
	5	VJ1-5-0.8
	6	VJ1-6-0.8
	7	VJ1-7-0.8
	8	VJ1-8-0.8
	9	VJ1-9-0.8
	10	19-F-0.8
	11	VJ1-11-1.0
	12	VJ1-12-0.8
	13	VJ1-13-0.8
	14	VJ1-14-0.8
	15	VJ1-15-0.8
	16	VJ1-16-0.8
	17	-----
	18	VJ1-18-0.8
VEHICLE CONTROL UNIT VJ2 CONNECTOR VJ2 18 SYMBOL 18 PIN	1	VJ2-1-0.8
	2	VJ2-2-0.8
	3	VJ2-3-0.8
	4	VJ2-4-0.8
	5	VJ2-5-0.8
	6	-----
	7	VJ2-7-0.8
	8	VJ2-8-0.8
	9	VJ2-9-0.8
	10	VJ2-10-0.8
	11	VJ2-11-1.0
	12	VJ2-12-1.0
	13	VJ2-13-0.8
	14	-----
	15	-----
	16	-----
	17	VJ2-18-0.8
	18	VJ2-18-0.8
VEHICLE CONTROL UNIT VJ3 CONNECTOR VJ3 18 SYMBOL 18 PIN * INDICATES TWISTED PAIR: VJ3-14-0.8 & VJ3-15-0.8	1	YELLOW (VJ3-1-0.8)
	2	GREEN (VJ3-2-0.8)
	3	-----
	4	VJ3-4-0.8
	5	VJ3-5-0.8
	6	VJ3-6-0.8
	7	-----
	8	-----
	9	-----
	10	VJ3-10-0.8
	11	-----
	12	VJ3-12-0.8
	13	VJ3-13-0.8
	14	VJ3-14-0.8 *
	15	VJ3-15-0.8 *
	16	VJ3-16-0.8
	17	VJ3-17-1.0
	18	BK-H-1.0
CAB - CHASSIS HARNESS BULKHEAD CONNECTOR 29 SYMBOL 29 PIN & SOCKET	1	2-C-2.0
	2	2-D-2.0
	3	-----
	4	-----
	5	27-B-1.0
	6	-----
	7	25-B-1.0
	8	4-E-1.0
	9	4-C-1.0
	10	4-F-1.0
	11	4-D-1.0
	12	3-B-1.0
	13	VJ1-11-1.0/0.8
	14	35-C-0.8
	15	35-B-1.0
	16	VJ3-13-0.8
	17	49-A-1.0
	18	VJ2-3-0.8
	19	27-C-1.0
	20	VJ2-4-0.8
	21	VJ3-1-0.8
	22	VJ3-2-0.8
	23	VJ2-1-0.8
	24	3-D-0.8
	25	VJ1-14-1.0
	26	VJ1-16-1.0
	27	-----
	28	-----
	29	-----
ENGINE POWER DISTRIBUTION MODULE CONNECTOR 'A' AS SYMBOL 16 PIN CAV 'A' CAV 'J'	A	42-B-2.0
	B	36-B-2.0
	C	VJ1-11-0.8
	D	35-C-0.8
	E	44-A-2.0
	F	BK-Q-0.8
	G	35-B-1.0
	H	3-B-0.8
	J	3-F-0.8
	K	49-A-1.0
	L	EJ1-2-2.0
	M	EJ1-3-2.0
	N	EJ1-5-2.0
	P	41-A-2.0
	R	42-A-2.0
	S	VJ3-13-0.8
ENGINE POWER DISTRIBUTION MODULE CONNECTOR 'B' BS SYMBOL 16 PIN CAV 'A' CAV 'S'	A	32-A-2.0/-----
	B	SP-RLY-85/-----
	C	40-A-2.0/-----
	D	SP-RLY-86/-----
	E	42-B-2.0/-----
	F	43-A-2.0/-----
	G	46-A-2.0/-----
	H	-----/-----
	J	-----/-----
	K	47-A-2.0/-----
	L	-----/-----
	M	SP-RLY-30/-----
	N	NEUT-RLY-85/-----
	P	SP-RLY-87/-----
	R	NEUT-RLY-86/-----
	S	SP-RLY-87A/-----

CONNECTOR W/SYMBOL	POLE	WIRE DESIGNATION
ENGINE CONTROL UNIT EJ1 CONNECTOR EJ1 36 SYMBOL 36 PIN	1	-----
	2	EJ1-2-2.0
	3	EJ1-3-2.0
	4	EJ1-4-2.0
	5	EJ1-5-2.0
	6	-----
	7	EJ1-7-2.0
	8	EJ1-8-2.0
	9	-----
	10	EJ1-10-0.5
	11	EJ1-11-0.5
	12	EJ1-12-0.5
	13	-----
	14	EJ1-14-0.5
	15	EJ1-15-0.5
	16	-----
	17	EJ3-14-0.5
	18	EJ3-15-0.5
	19	-----
	20	EJ1-20-0.5
	21	-----
	22	EJ1-22-0.5
	23	VJ3-1F-0.5
	24	VJ3-2F-0.5
	25	-----
	26	-----
	27	-----
	28	EJ1-28-0.5
	29	-----
	30	VJ2-2C-0.5
	31	VJ2-1C-0.5
	32	-----
	33	-----
	34	-----
	35	EJ1-35-0.5
	36	-----
ENGINE CONTROL UNIT EJ2 CONNECTOR EJ2 89 SYMBOL 89 PIN * INDICATES TWISTED PAIR: EJ2-16-1.0 & EJ2-17-1.0 EJ2-54-0.5 & EJ2-55-0.5 & EJ2-56-0.5 EJ2-72-0.5 & EJ2-73-0.5 EJ2-75-0.5 & EJ2-76-0.5	1	EJ2-1-1.0
	2	-----
	3	-----
	4	-----
	5	-----
	6	EJ2-6-1.0
	7	EJ2-7-1.0
	8	-----
	9	-----
	10	EJ2-10-1.0
	11	EJ2-11-1.0
	12	EJ2-12-2.0
	13	-----
	14	EJ2-14-1.0
	15	EJ2-15-1.0
	16	EJ2-16-1.0 *
	17	EJ2-17-1.0 *
	18	EJ2-18-1.0
	19	-----
	20	-----
	21	-----
	22	-----
	23	-----
	24	-----
	25	EJ2-25-0.5
	26	EJ2-26-0.5
	27	-----
	28	EJ2-28-0.5
	29	EJ2-29-0.5
	30	EJ2-30-0.5
	31	-----
	32	-----
	33	-----
	34	VJ3-13-0.5
	35	EJ2-35-0.5
	36	-----
	37	EJ2-37-0.5
	38	-----
	39	-----
	40	-----
	41	-----
	42	-----
	43	-----
	44	-----
	45	VJ2-45-0.5
	46	EJ2-46-0.5
	47	EJ2-47-0.5
	48	EJ2-48-0.5
	49	EJ2-49-0.5
	50	EJ2-50-0.5
	51	EJ2-51-0.5
	52	-----
	53	EJ2-53-0.5
	54	EJ2-54-0.5 *
	55	EJ2-55-0.5 *
	56	EJ2-56-0.5 *
	57	-----
	58	-----
	59	-----
	60	-----
	61	EJ2-61-0.5
	62	-----
	63	EJ2-63-0.5
	64	EJ2-64-0.5
	65	EJ2-65-0.5
	66	EJ2-66-0.5
	67	EJ2-67-0.5
	68	EJ2-68-0.5
	69	EJ2-69-0.5
	70	-----
	71	EJ2-71-0.5
	72	EJ2-72-0.5 *
	73	EJ2-73-0.5 *
	74	-----
	75	EJ2-75-0.5 *
	76	EJ2-76-0.5 *
	77	EJ2-77-0.5
	78	EJ2-78-0.5
	79	-----
	80	EJ2-80-0.5
	81	EJ2-81-0.5
	82	EJ2-82-0.5
	83	EJ2-83-0.5
	84	EJ2-84-0.5
	85	EJ2-85-0.5
	86	EJ2-86-0.5
	87	EJ2-87-0.5
	88	EJ2-88-0.5
	89	EJ2-89-0.5
PANEL 'D' HARNESS CONNECTOR 2 F SYMBOL 6 PIN	A	3-B-2.0
	B	2-A-3.0
	C	2-G-3.0
	D	2-C-2.0
	E	3-A-2.0
	F	

CONNECTOR W/SYMBOL	POLE	WIRE DESIGNATION
'ABC' GAUGE CLUSTER CONNECTOR 36 SYMBOL 36 PIN	1	BK-X-0.8
	2	-----
	3	-----
	4	19-A-0.8
	5	26-B-0.8
	6	-----
	7	-----
	8	-----
	9	4-F-0.8
	10	19-A-0.8
	11	ABS-PS2-0.8
	12	-----
	13	42-B-0.8
	14	VJ3-15-0.8
	15	-----
	16	-----
	17	4-D-0.8
	18	-----
	19	-----
	20	-----
	21	7-E-0.8
	22	19-F-0.8
	23	-----
	24	-----
	25	2-D-0.8
	26	-----
	27	-----
	28	-----
	29	VJ3-16-0.8
	30	VJ3-14-0.8
	31	19-B-0.8
	32	-----
	33	20-C-0.8
	34	3-C-0.8
	35	BK-E-0.8
	36	BK-X-0.8
SLEEPER HARNESS CONNECTOR SYMBOL 10 PIN	A	LRN-A-0.8
	B	LRP-A-0.8
	C	RRN-A-0.8
	D	RRP-A-0.8
	E	9-B-0.8
	F	SLP-A-0.8
	G	SLP-B-0.8
	H	26-B-1.0
	J	-----
	K	-----
SLEEPER EXTERIOR HARNESS DOME LAMPS CONNECTOR C SYMBOL 3 PIN	A	SLP-A-0.8
	B	SLP-B-0.8
	C	-----
PANEL 'D' HARNESS CONNECTOR 1 B15 SYMBOL 30 PIN	A1	3-C-1.0
	A2	3-D-0.8
	A3	-----
	A4	VJ1-6-0.8
	A5	BK-X-1.0
	A6	VJ1-5-0.8
	A7	21-A-2.0
	A8	21-B-2.0
	A9	21-C-2.0
	A10	21-G-0.8
	A11	-----
	A12	-----
	A13	-----
	A14	-----
	A15	-----
	B1	-----
	B2	3-B-0.8
	B3	3-B-1.0
	B4	-----
	B5	17-A-0.8
	B6	17-A-0.8
	B7	21-D-2.0
	B8	21-E-2.0
	B9	BK-Y-2.0
	B10	17-A-1.0
	B11	VJ1-8-0.8
	B12	26-A-1.0
	B13	26-B-1.0
	B14	VJ1-7-0.8
	B15	2-H-0.8
LEFT HAND COURTESY LP. & HTD. MIRROR HARNESS CONNECTOR LF SYMBOL 6 PIN	A	6-B-0.8
	B	BK-D-0.8
	C	35-B-1.0/0.8
	D	20-C-2.0/0.8
	E	-----
	F	-----
LEFT HAND DOOR HARNESS CONNECTOR L1D SYMBOL 4 PIN	A	12-B-0.8
	B	12-C-0.8
	C	12-A-1.0
	D	3-C-0.8
LEFT HAND DOOR HARNESS CONNECTOR L2F SYMBOL 6 PIN	A	23-C-2.0
	B	22-A-2.0
	C	23-A-2.0
	D	23-B-2.0
	E	BK-A-2.0
	F	BK-B-2.0
RIGHT HAND COURTESY LP. & HTD. MIRROR HARNESS CONNECTOR RF SYMBOL 6 PIN	A	6-D-0.8
	B	BK-G-0.8
	C	35-B-1.0/0.8
	D	20-C-2.0/0.8
	E	-----
	F	-----
RIGHT HAND DOOR HARNESS CONNECTOR R1D SYMBOL 4 PIN	A	12-B-0.8
	B	12-C-0.8
	C	12-A-1.0
	D	3-C-0.8
RIGHT HAND DOOR HARNESS CONNECTOR R2F SYMBOL 6 PIN	A	23-C-1.0
	B	-----
	C	23-A-2.0
	D	23-B-2.0
	E	BK-A-2.0
	F	-----
DIRECTIONAL SIGNAL SWITCH CONNECTOR H SYMBOL 8 PIN	A	4-C-1.0
	B	4-E-1.0
	C	2-E-0.8
	D	VJ1-11-1.0
	E	2-B-0.8
	F	2-H-0.8
	G	3-B-0.8
	H	BK-E-0.8
DIRECTIONAL SIGNAL SWITCH CONNECTOR 2 SYMBOL 4 PIN	A	4-D-3.0
	B	4-F-3.0
	C	4-B-3.0
	D	35-C-0.8

CONNECTOR W/SYMBOL	POLE	WIRE DESIGNATION
ROOF HARNESS CONNECTOR H SYMBOL 8 PIN	A	6-A-0.8
	B	SLP-A-0.8
	C	6-C-0.8
	D	SLP-B-0.8
	E	9-A-0.8
	F	3-C-0.8
	G	35-B-0.8
	H	3-B-0.8
ROOF SPEAKER HARNESS CONNECTOR H SYMBOL 8 PIN	A	LFN-A-0.8
	B	LFP-A-0.8
	C	RFN-A-0.8
	D	RFP-A-0.8
	E	BK-H-0.8
	F	BK-E-0.8
	G	BK-E-0.8
	H	-----
CAB ROOF HEADLINER HARNESS DOME LAMPS CONNECTOR H SYMBOL 8 PIN	A	6-A-0.8
	B	-----
	C	6-C-0.8
	D	3-C-0.8
	E	9-B-0.8
	F	SLP-A-0.8
	G	SLP-B-0.8
	H	-----
CAB ROOF HEADLINER HARNESS SPEAKER CONNECTOR H SYMBOL 8 PIN	A	2-M-0.8
	B	2-N-0.8
	C	2-P-0.8
	D	2-R-0.8
	E	BK-K-0.8
	F	BK-E-0.8
	G	-----
	H	-----
OPTIONAL AIR SWITCH HARNESS CONNECTOR 2 F SYMBOL 6 PIN	A	19-E-0.8
	B	VJ2-9-0.8
	C	BK-X-0.8
	D	3-C-0.8
	E	19-A-0.8
	F	19-F-0.8
HOOD HARNESS CONNECTOR M SYMBOL 12 PIN CAV 'A' CAV 'G'	A	BK-Q-2.0
	B	4-F-1.0/0.8
	C	-----
	D	4-D-1.0/0.8
	E	2-D-2.0
	F	BK-R-2.0
	G	2-C-2.0
	H	-----
	J	-----
	K	3-B-1.0
	L	-----
	M	-----
ABS WABCO CAB - CHASSIS HARNESS BULKHEAD CONNECTOR 31 SYMBOL 31 PIN * INDICATES TWISTED PAIR: ABS-FL4-1.0 & ABS-FL5-1.0 ABS-FR4-1.0 & ABS-FR5-1.0 ABS-DA5-1.0 & ABS-DA6-1.0 ABS-DA8-1.0 & ABS-DA9-1.0	1	ABS-FL4-1.0 *
	2	ABS-FL5-1.0 *
	3	ABS-FR4-1.0 *
	4	ABS-FR5-1.0 *
	5	ABS-DA5-1.0 *
	6	ABS-DA6-1.0 *
	7	ABS-DA8-1.0 *
	8	ABS-DA9-1.0 *
	9	ABS-FL1-1.0
	10	ABS-FL2-1.0
	11	BK-4ABS-1.0
	12	ABS-FR7-1.0
	13	ABS-FR8-1.0
	14	BK-4ABS-1.0
	15	ABS-DA1-1.0
	16	ABS-DA2-1.0
	17	BK-4ABS-1.0
	18	ABS-DA10-1.0
	19	ABS-DA11-1.0
	20	BK-4ABS-1.0
	21	ABS-DA4-1.0
	22	ABS-DA7-1.0
	23	42-B-0.8
	24	VJ2-2-0.8
	25	-----
	26	VJ2-9-0.8
	27	VJ2-11-1.0
	28	VJ2-12-1.0
	29	VJ1-18-0.8
	30	VJ3-14-0.8
	31	VJ3-15-0.8
ABS EATON CAB - CHASSIS HARNESS BULKHEAD CONNECTOR 31 SYMBOL 31 PIN * INDICATES TWISTED PAIR: ABS-FL4-1.0 & ABS-FL5-1.0 ABS-FR4-1.0 & ABS-FR5-1.0 ABS-DA5-1.0 & ABS-DA6-1.0 ABS-DA8-1.0 & ABS-DA9-1.0	1	ABS-FL4-1.0 *
	2	ABS-FL5-1.0 *
	3	ABS-FR4-1.0 *
	4	ABS-FR5-1.0 *
	5	ABS-DA5-1.0 *
	6	ABS-DA6-1.0 *
	7	ABS-DA8-1.0 *
	8	ABS-DA9-1.0 *
	9	ABS-FL1-1.0
	10	ABS-FL2-1.0
	11	ABS-FL3-1.0
	12	ABS-FR7-1.0
	13	ABS-FR8-1.0
	14	ABS-FR9-1.0
	15	ABS-DA1-1.0
	16	ABS-DA2-1.0
	17	ABS-DA3-1.0
	18	ABS-DA10-1.0
	19	ABS-DA11-1.0
	20	ABS-DA12-1.0
	21	ABS-DA4-1.0
	22	ABS-DA7-1.0
	23	42-B-0.8
	24	VJ2-2-0.8
	25	-----
	26	VJ2-9-0.8
	27	VJ2-11-1.0
	28	VJ2-12-1.0
	29	VJ1-18-0.8
	30	VJ3-14-0.8
	31	VJ3-15-0.8
ABS WABCO E-VERSION BASIC ECU FRONT RIGHT CONNECTOR 15 SYMBOL 15 PIN * INDICATES TWISTED PAIRS: ABS-PS13-1.0 & ABS-PS14-1.0	1	VJ3-2A-0.8
	2	ABS-PS2-0.8
	3	VJ3-1A-0.8
	4	BK-3ABS-1.0
	5	ABS-PS5-1.0
	6	ABS-PS6-1.0
	7	49-A-1.0
	8	13-A-2.0
	9	BK-2ABS-1.0
	10	ABS-PS13-1.0 *
	11	ABS-PS14-1.0 *
	12	-----
	13	-----
	14	ABS-PS17-0.8
	15	19-D-0.8

CONNECTOR W/SYMBOL	POLE	WIRE DESIGNATION
ABS WABCO E-VERSION ECU DRIVER AXLE CONNECTOR 18 SYMBOL 18 PIN * INDICATES TWISTED PAIRS: ABS-FR4-1.0 & ABS-FR5-1.0 ABS-DA5-1.0 & ABS-DA6-1.0 ABS-FL4-1.0 & ABS-FL5-1.0 ABS-DA8-1.0 & ABS-DA9-1.0	1	ABS-FR8-1.0
	2	ABS-DA2-1.0
	3	ABS-FL2-1.0
	4	ABS-FR7-1.0
	5	ABS-DA1-1.0
	6	ABS-FL1-1.0
	7	ABS-DA7-1.0
	8	ABS-DA11-1.0
	9	ABS-DA10-1.0
	10	ABS-FR4-1.0 *
	11	ABS-DA5-1.0 *
	12	ABS-FL4-1.0 *
	13	ABS-FR5-1.0 *
	14	ABS-DA6-1.0 *
	15	ABS-FL5-1.0 *
	16	ABS-DA4-1.0
	17	ABS-DA8-1.0 *
	18	ABS-DA9-1.0 *
ABS/ATC EATON ECU DRIVE AXLE CONNECTOR 15 SYMBOL 15 PIN * INDICATES TWISTED PAIR: ABS-DA5-1.0 & ABS-DA6-1.0 ABS-DA8-1.0 & ABS-DA9-1.0	1	ABS-DA1-1.0
	2	ABS-DA2-1.0
	3	ABS-DA3-1.0
	4	ABS-DA4-1.0
	5	ABS-DA5-1.0 *
	6	ABS-DA6-1.0 *
	7	ABS-DA7-1.0
	8	ABS-DA8-1.0 *
	9	ABS-DA9-1.0 *
	10	ABS-DA10-1.0
	11	ABS-DA11-1.0
	12	ABS-DA12-1.0
	13	-----
	14	-----
	15	-----
ABS/ATC EATON ECU FRONT LEFT CONNECTOR 6 SYMBOL 6 PIN * INDICATES TWISTED PAIR: ABS-FL4-1.0 & ABS-FL5-1.0	1	ABS-FL1-1.0
	2	ABS-FL2-1.0
	3	ABS-FL3-1.0
	4	ABS-FL4-1.0 *
	5	ABS-FL5-1.0 *
	6	VJ1-11-1.0
	-	-----
	-	-----
ABS/ATC EATON ECU FRONT RIGHT CONNECTOR 9 SYMBOL 9 PIN * INDICATES TWISTED PAIR: ABS-FR4-1.0 & ABS-FR5-1.0	1	-----
	2	-----
	3	-----
	4	ABS-FR4-1.0 *
	5	ABS-FR5-1.0 *
	6	-----
	7	ABS-FR7-1.0
	8	ABS-FR8-1.0
	9	ABS-FR9-1.0
ABS/ATC EATON ECU POWER SUPPLY CONNECTOR 18 SYMBOL 18 PIN * INDICATES TWISTED PAIR: ABS-PS13-1.0 & ABS-PS14-1.0	1	GREEN (VJ3-2A-0.8)
	2	ABS-PS2-0.8
	3	YELLOW (VJ3-1A-0.8)
	4	-----
	5	ABS-PS5-1.0
	6	ABS-PS6-1.0
	7	49-A-1.0
	8	13-A-2.0
	9	14-A-1.0
	10	BK-4ABS-1.0
	11	BK-3ABS-1.0
	12	BK-2ABS-1.0
	13	ABS-PS13-1.0 *
	14	ABS-PS14-1.0 *
	15	-----
	16	-----
	17	ABS-PS17-0.8
	18	19-D-0.8
ABS TRACTION / ATC LIMITED SLIP HARNESS CONNECTOR F SYMBOL 6 PIN	A	BK-6ABS-1.0
	B	BK-5ABS-1.0
	C	ABS-PS5-1.0
	D	ABS-PS6-1.0
	E	3-C-0.8
	F	BK-X-0.8
ABS CAB/CHASSIS HARNESS 3RD AXLE BULKHEAD CONNECTOR (6S/6M) 19 SYMBOL 19 POLE * INDICATES TWISTED PAIRS: ABS-3RDA5-1.0 & ABS-3RDA6-1.0 ABS-3RDA8-1.0 & ABS-3RDA9-1.0	1	ABS-3RDA5-1.0/0.8 BN *
	2	ABS-3RDA6-1.0/0.8 BK *
	3	ABS-3RDA8-1.0/0.8 BN *
	4	ABS-3RDA9-1.0/0.8 BK *
	5	ABS-3RDA1-1.0/1.0 BE
	6	ABS-3RDA3-1.0/1.0 YW
	7	ABS-3RDA2-1.0/1.0 BN
	8	-----
	9	ABS-3RDA10-1.0/1.0 BE
	10	-----
	11	ABS-3RDA12-1.0/1.0 YW
	12	-----
	13	ABS-3RDA11-1.0/1.0 BN
	14	-----
	15	-----
	16	-----
	17	-----
	18	-----
	19	-----
ABS/ATC EATON ECU 3RD AXLE CONNECTOR (6S/6M) 12 SYMBOL 12 POLE * INDICATES TWISTED PAIRS: ABS-3RDA5-1.0 & ABS-3RDA6-1.0 ABS-3RDA8-1.0 & ABS-3RDA9-1.0	1	ABS-3RDA1-1.0
	2	ABS-3RDA2-1.0
	3	ABS-3RDA3-1.0
	4	-----
	5	ABS-3RDA5-1.0 *
	6	ABS-3RDA6-1.0 *
	7	-----
	8	ABS-3RDA8-1.0 *
	9	ABS-3RDA9-1.0 *
	10	ABS-3RDA10-1.0
	11	ABS-3RDA11-1.0
	12	ABS-3RDA12-1.0
ABS/ATC E-VERSION ECU 3RD AXLE CONNECTOR (6S/6M) 15 SYMBOL 15 POLE * INDICATES TWISTED PAIRS: ABS-3RDA5-1.0 & ABS-3RDA6-1.0 ABS-3RDA8-1.0 & ABS-3RDA9-1.0	1	-----
	2	ABS-3RDA61.0 *
	3	ABS-3RDA2-1.0
	4	-----
	5	ABS-3RDA5-1.0 *
	6	ABS-3RDA1-1.0
	7	-----
	8	-----
	9	-----
	10	-----
	11	ABS-3RDA8-1.0 *
	12	ABS-3RDA11-1.0
	13	-----
	14	ABS-3RDA9-1.0 *
	15	ABS-3RDA10-1.0
DIAGNOSTIC CONNECTOR	A	BK-H-1.0
	B	10-A-1.0
	C	VJ3-1G-0.8
	D	VJ3-2G-0.8
	E	-----
	F	VJ3-14-0.8
	G	VJ3-15-0.8
	H	VJ3-13-0.8
	J	-----

8MR51423 SH 20

SYM.	ZONE	CHANGES	NO.	DATE	BY	APPD.
A	—	ISSUED	PCN000143 CP002103	11/07/03	KWA	NLH GAS
H	- B4 -	SHT 20 WAS SHT 19; REVISED SHEET LEGENDS 12-20.	PCN006250 CP004253	02/03/06	GWH	LLR GAS

CONNECTOR W/SYMBOL	POLE	WIRE DESIGNATION
ENGINE CONTROL UNIT EJ3 CONNECTOR EJ3 16 SYMBOL 16 PIN	1	-----
	2	-----
	3	EJ3-3-2.0 *
	4	EJ3-4-2.0 *
	5	EJ3-5-2.0 *
	6	EJ3-6-2.0 *
	7	EJ3-7-2.0
	8	EJ3-8-2.0
	9	EJ3-9-2.0 *
	10	EJ3-10-2.0 *
	11	EJ3-11-2.0 *
	12	EJ3-12-2.0 *
	13	EJ3-13-2.0 *
	14	EJ3-14-2.0 *
	15	EJ3-15-2.0 *
	16	EJ3-16-2.0 *
TRANSMISSION HARNESS CONNECTOR M SYMBOL 12 PIN & SOCKET CAV 'A' CAV 'G'	A	VJ2-9-0.8
	B	42-A-2.0
	C	VJ2-1-0.8
	D	VJ2-2-0.8
	E	41-A-0.8
	F	VJ2-11-1.0
	G	VJ2-12-1.0
	H	42-B-2.0
	J	-----
	K	-----
	L	-----
	M	-----
VEHICLE INTERFACE CONNECTOR S SYMBOL 16 PIN CAV 'A' CAV 'J'	A	EJ1-2-2.0
	B	VJ3-1-0.8
	C	-----
	D	-----
	E	-----
	F	-----
	G	VJ3-2-0.8
	H	41-A-2.0
	J	EJ1-3-2.0
	K	VJ3-2-0.8
	L	25-B-1.0
	M	VJ3-13-0.8
	N	VJ3-14-0.8
	P	VJ3-15-0.8
	R	VJ3-1-0.8
	S	EJ1-5-2.0
CHASSIS REAR HARNESS CONNECTOR E SYMBOL 5 PIN CAV 'A' CAV 'D'	A	42-B-2.0/42-B-1.0
	B	3-B-1.0/3-B-1.0
	C	4-C-1.0/4-C-1.0
	D	4-E-1.0/4-E-10
	E	BK-U-2.0/BK-U-1.0

NOTES:

1. ENGINE GREEN CELL TEST GROUND POINT IS INDICATED WITH A ** AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE.
2. SPARE RELAY CIRCUITS SP-RLY-85, SP-RLY-86 ARE 0.8 AWG.
3. SPARE RELAY CIRCUITS SP-RLY-30 SP-RLY-87 & SP-RLY-87A ARE 2.0 AWG.
4. NEUTRAL POWER RELAY CIRCUITS NEUT-RLY-85, NEUT-RLY-86 ARE 0.8 AWG.

WIRING DIAGRAM SHEET LEGEND

SH 1 - POWER DISTRIBUTION
SH 2 - LIGHTING CIRCUITS
SH 3 - STD. BASIC CIRCUIT 'A'
SH 4 - STD. BASIC CIRCUIT 'B'
SH 5 - V-MAC CIRCUITS
SH 6 - EPA'02 ECU CIRCUITS
SH 7 - ABS BENDIX ABS 6
SH 8 - ABS WABCO E-VERSION
SH 9 - GROUND CIRCUITS
SH 10- ENGINE POWER DISTR.
SH 11 - AUTO/ULTRA SHIFT GEN2
SH 12 - AUTO/ULTRA SHIFT GEN3
SH 13 - AUTO.TRANS.CIRCUIT'B'
SH 14 - OPTIONAL CIRCUIT 'A'
SH 15 - OPTIONAL CIRCUIT 'B'
SH 16 - OPTIONAL CIRCUIT 'C'
SH 17 - OPTIONAL CIRCUIT 'D'
SH 18 - 48' & 56' SLEEPER BOX
SH 19 - MULTIVISION SLEEPER
SH 20 - CONNECTOR LEGENDS

CONNECTOR LEGEND

DENOTES KEY CONTROL CHARACTERISTIC. IDENTIFIES THOSE ITEMS ON WHICH DEFINED PROCESS CONTROLS AND STATISTICAL APPLICATION ARE MANDATORY.
APPLIED TO THIS DWG. ☐ YES ☑ NO

CXN & CHN

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ref.	8MR54405
suped.	------
MATL.	------
MFG.	GREG R. SHECKLER
ENGRG.	NATHAN L. HOUSER
CHKD.	------
DRAWN	KEITH ANDERSEN
DATE	11-07-03

ALL LINEAR DIMENSIONS ARE SHOWN IN IN.
UNLESS OTHERWISE SPECIFIED

INCHES TOL.: 1. DO NOT SCALE DRAWING 2. 1 PL .0 = ±.060 IN; 2 PL .00 = ±.030 IN; 3 PL .000 = ±.010 IN; ANGLES ± 2° 3. REMOVE BURRS, CHAMFER OR RADIUS CORNERS .02 IN MAX

METRIC TOL.: 1. DO NOT SCALE DRAWING 2. XXX. = ± 1.50 mm; XXX.X = ± 0.75 mm; XXX.XX = ± 0.25 mm; ANGLES ± 2° 3. REMOVE BURRS, CHAMFER OR RADIUS CORNERS 0.5 mm MAX

SCALE NTS SHEET -----

PREVIOUS CHANGES
THIRD ANGLE PROJECTION

MACK TRUCKS, INC.

TITLE: WIRING DIAGRAM

NO. 8MR51423 SH 20

FORM NO. ED89-12-5