CEBM029300

Shop Manual

830E-1AC

DUMP TRUCK

SERIAL NUMBERS **A40939 - A40961**

KOMATSU®

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SECTION A
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Fault Code A323: Propel system at reduced retard level wire input not same as serial input

Operator Action	Stop; Park; Repair
Fault Code	A323
Description	Propel system at reduced retard level wire input not same as serial input.
Fault Conditions	Sets if serial RS232 input declares a propel system at reduced retard level when wired input does not for 8 seconds with GE power on and drive system data OK. Resets if conditions change for 8 seconds.
Operator Alerting System Response	Sound Buzzer Flash IM Warning Indicator Display Operator Action: STOP: PARK: REPAIR Display Fault Description: REDUCED RETARD CKT Display Fault Code: A323
Resulting Problem(s)	Malfunctioning wired input could cause loss of warning for propel at reduced retard level warning.
Related Information	A laptop running "IM Realtime Data Monitor" software may be required to resolve this fault.

Table

1. This fault's logic contains more than one parameter, each of which may have its own related fault code(s). This fault may be resolved by resolving the parameter(s) active fault code(s). Refer to the Troubleshooting Instructions for the active parameter fault(s).
2. If there are no active parameter fault codes, then based on the truck's setup while this fault is active, determine which of the parameters in the Table is not shown in its expected state on the IM Realtime Data Monitor program. Refer to the schematic to identify which item(s) may be causing the parameter(s) to be in the unexpected state. Troubleshoot these items.
3. If this fault is not currently active or if no parameters are currently in the unexpected state and the malfunction is still unresolved, then check each of the parameters in the Table for proper functionality. Troubleshoot all item(s) related to the parameter(s) which are found to be malfunctioning.

Parameter	Expected State and/or Related Fault(s)
Propel System at Reduced Retard Level Input (IM2 r)	0: propel system at reduced level exists 1: propel system at reduced level does not exist Fault(s): A123
Propel System at Reduced Level - RS232 Input (IM2 D,E,F)	0: propel system at reduced level does not exist 1: propel system at reduced level exists Fault(s): A276
Drive System Control Power (IM3 M)	0: control power is off 1: control power is on
Drive System Data Link OK (IM2 D,E,F)	0: RS232 Data Link not OK 1: RS232 Data Link OK Fault(s): A276

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BRAKE CIRCUIT ABBREVIATIONS	
AA	Automatic Apply Pressure
AF2	Accumulator, Front Brake
AF1	Supply Pressure to Dual Controller for Front Brakes
AR2	Accumulator, Rear Brake
AR1	Supply Pressure to Dual Controller for Rear Brakes
BF	Brake Pressure, Front (11, Figure 4-1)
BL	Brake Lock Apply Pressure
BR	Brake Pressure, Rear (11, Figure 4-1)
CV1	Check Valve, Rear
CV2	Check Valve, Front
CV3	Check Valve, Park Brake
LS1	Shuttle Valve
HS1	Low Pressure Emergency Apply Shuttle Apply Valve
LAP1	Pressure Tap Test Port Low Accumulator Pressure
LAP2	Low Brake Pressure Switch N.C., 15 858 ± 517 kPa (2300 ± 75 psi)
NV1	Rear Accumulator Manual Drain Valve
NV2	Front Accumulator Manual Drain Valve
ORF1	Orifice 1.57 mm (0.062 in.)
ORF2	Orifice 2.54 mm (0.100 in.)
PK1 & 2	Park Brake Release Pressure
PP3	Pressure Tap Test Port Brake Lock Pressure
PR1	Pressure Reducing Valve
PR2	Park Brake Pressure Regulator (To Release)
PS1	Automatic Apply Valve
SP1	Supply Oil Inlet
SP3	Pressure Tap Test Port Brake Circuit Supply Oil Pressure
SV1	Brake Lock Solenoid
SV2	Park Brake Solenoid
T1 & T3	Return to Tank

EQUIPMENT REQUIRED

Included on the last page of this module is a data sheet to record the information observed during the hydraulic brake system check-out procedure. The data sheet can be removed, copied, and used during the check-out procedure.

- Steps indicated in this manner **should be recorded on the data sheet** for reference.

The following equipment will be necessary to properly check-out the hydraulic brake circuit.

a. Hydraulic brake schematic, refer to Section R this manual.

b. Calibrated pressure gauges:

-Three 0-34,475 kPa (0-5000 psi) range.

-Three 0-20,685 kPa (0-3000 psi) range.

c. One PB6039 female quick disconnect and hose long enough to reach from brake cabinet to the inside of the operator's cab for each gauge.

d. Accumulator charging kit (EB1759 or equivalent) with gauges and dry nitrogen.

NOTE: A gas intensifier pump will be required, if using "T type" nitrogen bottles.

e. Clear plastic hose and bucket for bleeding brakes.

f. Volt/ohm meter with leads and two 61 mm (24 inch) leads with alligator clips.

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AUTO FILL SYSTEM ELECTRICAL SCHEMATIC

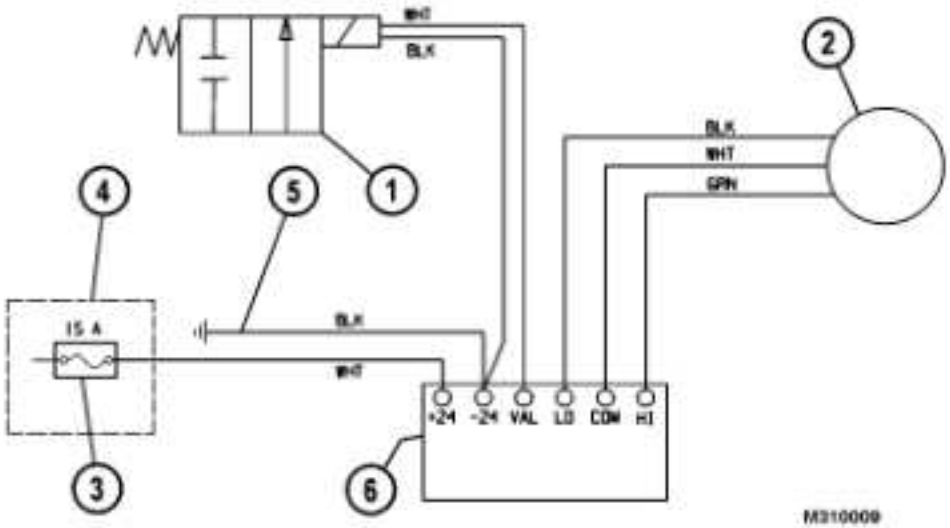


FIGURE 31-5. AUTO FILL SYSTEM SCHEMATIC

1. Fill Valve
2. Oil Level Switch (top of reserve tank)
3. 15 Amp Fuse
4. Auxiliary Control Cabinet
5. Ground Wire
6. Auto Fill Control Box

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CAPACITOR CHARGE LIGHTS

Observe both capacitor charge lights (CCL1, CCL2). CCL1 is on the outside of the contactor box. CCL2 is on the switch panel inside the low voltage area. The lights will stay illuminated as long as the voltage on the DC link is greater than 50 VDC. Refer to Figure 3-8.

⚠WARNING

Hazardous voltages may be present in this equipment even if the engine and capacitor charge lights are off.

Use measurement and protective equipment rated for 2000 VDC minimum to verify that no voltage is present before touching any terminal.

⚠WARNING

Verify functionality of the measurement equipment using site-approved procedures both before and after performing control group measurements.

Failure to observe these precautions may result in death or serious personal injury.

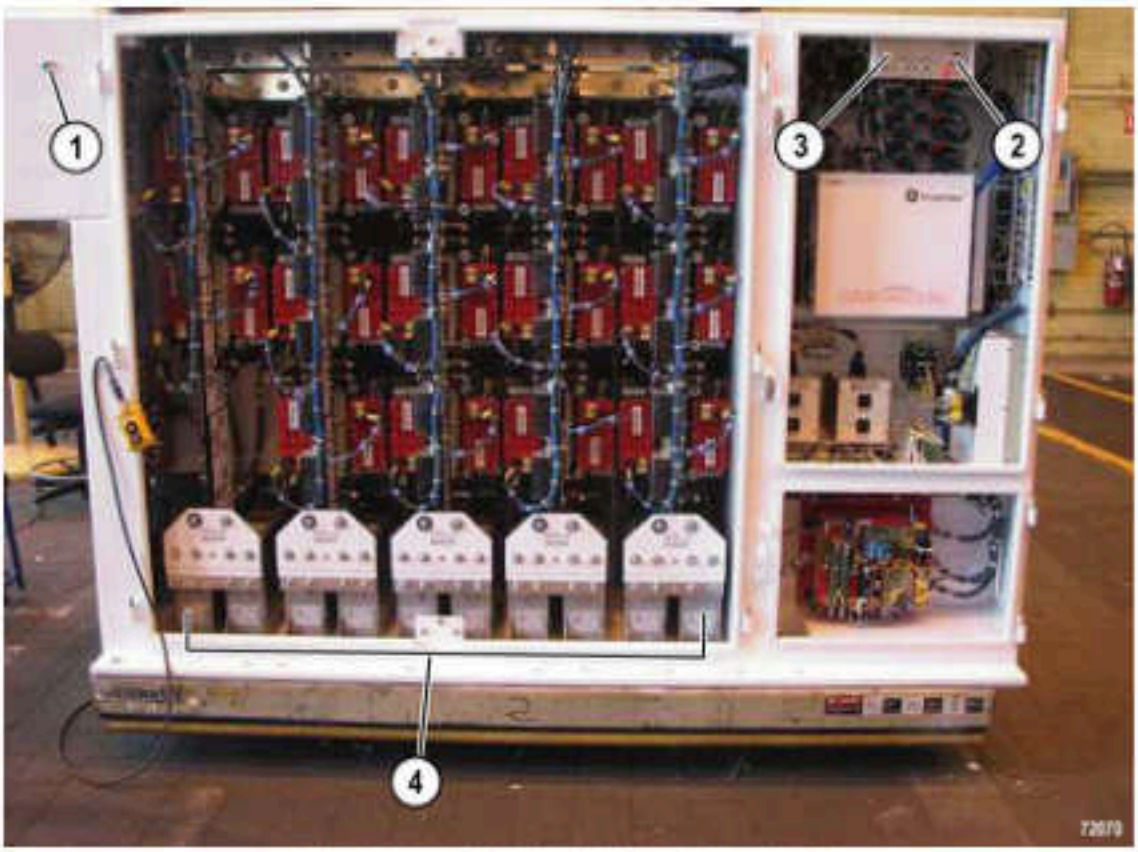


FIGURE 3-8. CAPACITOR CHARGE LIGHTS

1. Exterior Capacitor Charge Light (CCL2)
2. Interior Capacitor Charge Light (CCL1)
3. Information Display Panel
4. DC Link Capacitors

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4. Navigate the highlighted bar downward to the row named "Camera Switch" (Figure 33-17) using the minus button. Press the enter button to cause the setting for this row to become highlighted in green color. Use the plus button or the minus button as needed to cycle to option "4C" in the available settings. When "4C" is shown, select this option by pressing the enter button. Now the complete row should be highlighted in yellow and the text "4C" is shown as the selected option.

NOTE: The other options are also shown in Figure 33-17, and they are QUA, 2C, 3C AND OFF.



FIGURE 33-17.

5. Now Navigate the highlighted bar downward to the row named "Frontcam", then press the enter button. This will have a default setting screen similar to Figure 33-18. Set "Enable Frontcam" to OFF.

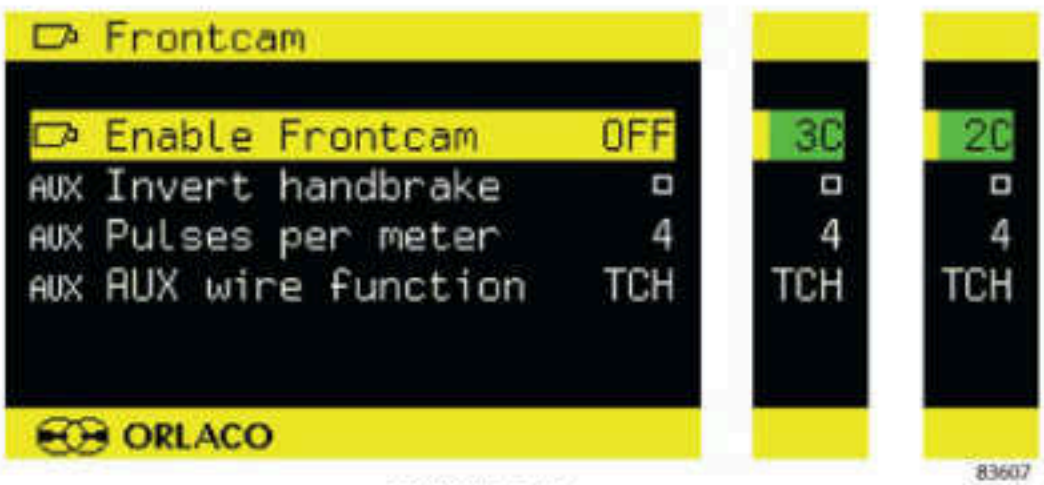


FIGURE 33-18.

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WIRE TABLE

CONTINUED ON DIAGRAM 17

NAME	DEVICE FROM	CONN FROM	DEVICE TO	CONN TO
+24V-000	SWITCH HEDWELD ...	-	OP CAB HEDWELD CONTROL MODULE	LIMIT
+24V-001	SWITCH HEDWELD ...	-	OP CAB HEDWELD CONTROL MODULE	LIMIT
-15VDI-000	-	J02	GE DID PANEL	DID
-15VDI-001	TB21	TB21-V2	-	P02
-15VDI-002	GE CONTROL INTE...	P302	TB21	TB21-V1
0-000	GB70 FRAME GND	GB70-A2	BUSS BAR 0	DISC(-)-5
0-001	24VDC ALTERNATO...	ALT(-)	GB70 FRAME GND	GB70-A1
0-002	GB70 FRAME GND	GB70-B2	GB31-A AUXBOX GND BLCK	GB31A-A1
0-003	BUSS BAR 0	DISC(-)-4	MOTOR STARTER 1 (STRT1)	STRT1-2A
0-004	BUSS BAR 0	DISC(-)-3	MOTOR STARTER 2 (STRT2)	STRT2-2A
0-005	VEC-90	VEC90-S7A	VEC-89	VEC89-S7A
0-006	RELAY KEY / GE ...	KCNPR-85	RELAY KEY SWITCH (KSWPR)	KSWPR-85
0-007	RELAY KEY / GE ...	KCNPR-85	RELAY 12V POWER (12VPR)	12VPR-85
0-008	-	J11	SP09	-
0-009	12VDC CONVERTER...	12VCN-GND	GB31-A AUXBOX GND BLCK	GB31A-A3
0-010	GB31-A AUXBOX G...	GB31A-B3	R1	R1
0-011	VEC-91	VEC91-S6B	GB31-A AUXBOX GND BLCK	GB31A-B1
0-012	VEC-91	VEC91-S6A	VEC-90	VEC90-S7B
0-013	RELAY HEADLIGHT...	HLMR-85	RELAY HEADLIGHT HIGH MOUNT (HH...	HHMR-85
0-014	RELAY HIGH BEAM...	HBHR-85	RELAY KEY SWITCH (KSWPR)	KSWPR-85
0-015	RELAY HIGH BEAM...	HBHR-85	GB31-B AUXBOX GND BLCK	GB31B-B1
0-016	RELAY HEADLIGHT...	HLMR-85	RELAY ACCESS LADDER LIGHT (ALL...	ALLR-85
0-017	SP103	-	GB31-A AUXBOX GND BLCK	GB31A-B3
0-018	DL1	DL1	SP104	-
0-019	SP104	-	DL2	DL2
0-020	DL3	DL3	SP104	-
0-021	DL4	DL4	SP103	-
0-022	DL5	DL5	SP103	-
0-023	DL6	DL6	SP103	-
0-024	SP104	-	SP103	-
0-026	LAMP LED MASTER...	MLLON	BUSS BAR 0	DISC(-)-7
0-027	JB1	JB1	BUSS BAR 0	DISC(-)-7
0-028	MOTOR STARTER 1...	STRT1-2B	MOTOR STARTER 2 (STRT2)	STRT2-2B
0-030	RELAY 1 PROPEL ...	PLREL	JB1	JB1
0-031	RELAY STARTER L...	SLREL	JB1	JB1
0-032	JB1	JB1	LAMP LED PROPEL LOCKOUT ON	PLON
0-033	LAMP LED PROPEL...	PLLO	JB1	JB1
0-034	LAMP LED STARTE...	SLLO	JB1	JB1
0-040	ENGINE PRELUBE ...	PLPM-(-)	GB3 ENG GND BLOCK	GB3-B3
0-041	RELAY ENGINE PR...	PLMS-(-)	GB3 ENG GND BLOCK	GB3-B1
0-042	RELAY ENGINE PR...	P800	RELAY ENGINE PRELUBE MAG SWITC...	PLMS-(-)
0-043	D6	D6	GB8	GB8-A1
0-048	RELAY ENG START...	ESREL1-85	RELAY ENG STARTER 2 (ESREL2)	ESREL2-85
0-049	-	P12	RELAY ENG STARTER 1 (ESREL1)	ESREL1-85
0-050	-	J12	SP13	-
0-051	GB8 BRAKE CABIN...	GB8-1	SWITCH PARK BRAKE RELEASE PRES...	PBRPS
0-055	-	J12	SP12	-
0-060	ENGINE QSK60 IN...	P804	SP115	-
0-061	ENGINE QSK60 IN...	P804	SP116	-
0-062	ENGINE QSK60 IN...	P804	SP117	-
0-063	-	J808	SP115	-
0-064	SP115	-	-	J808
0-065	-	J808	SP116	-
0-066	SP116	-	-	J808
0-067	-	J808	SP117	-
0-068	SP117	-	-	J808
0-069	-	P808	GB31-B AUXBOX GND BLCK	GB31B-C1
0-070	-	P808	GB31-B AUXBOX GND BLCK	GB31B-C1
0-071	-	P808	GB31-B AUXBOX GND BLCK	GB31B-B4
0-072	-	P808	GB31-B AUXBOX GND BLCK	GB31B-B4
0-073	-	P808	GB31-B AUXBOX GND BLCK	GB31B-D1
0-074	-	P808	GB31-B AUXBOX GND BLCK	GB31B-D1
0-075	-	J11	SP10	-
0-076	-	J543	-	P11
0-077	-	P520	-	P543
0-078	SOLENOID ENGINE...	ESSOL	-	J520-
0-079	VEC RTMR1	RTMR1-C2	GB31-A AUXBOX GND BLCK	GB31A-D1
0-080	-	J12	SP13	-
0-081	-	P12	-	J542
0-082	-	P542	-	ETHER1
0-084	-	J11	SP10	-
0-085	ENGINE QSK60 IN...	P806	-	J808
0-086	-	P808	GB31-B AUXBOX GND BLCK	GB31B-D3
0-087	SWITCH A/C RECI...	RECDR	GB3 ENG GND BLOCK	GB3-A3
0-088	A/C COMPRESSOR ...	P803	GB3 ENG GND BLOCK	GB3-A3
0-090	-	P140	GB10 FRT CAB GND	GB10-A4
0-091	GB31-A AUXBOX G...	GB31A-B4	-	P04
0-092	SWITCH ENGINE R...	EOPSW2-2	-	J801
0-094	-	J12	SP12	-
0-095	GB10 FRT CAB GN...	GB10-A4	SWITCH BRAKE LOCK	P39
0-096	SWITCH BRAKE LO...	P39	SWITCH BRAKE LOCK	P39
0-097	SWITCH BRAKE LO...	P39	SWITCH BRAKE LOCK	P39
0-098	SOLENOID BRAKE ...	BLS	GB8 BRAKE CABINET	GB8-3
0-099	-	P210	ENTERTAINMENT RADIO	P737
0-100	SWITCH HEADLIGH...	P25	SWITCH HEADLIGHTS	P25
0-101	SWITCH CAB LADD...	P24	SWITCH MANUAL BACKUP LIGHT	P23
0-102	LAMP RIGHT FOG	RFLT	-	P543
0-103	-	J543	-	P11
0-104	-	J11	SP09	-
0-105	LAMP LEFT FOG	LFLT	-	P542
0-106	-	J542	-	P12
0-110	-	J542	-	P12
0-111	LAMP HIGH MOUNT...	HMLHB	-	P542
0-112	-	J542	-	P12
0-113	LAMP LOW MOUNT ...	LMLLB	-	P542
0-114	-	J542	-	P12
0-115	-	P543	LAMP LOW MOUNT RIGHT LOW-BEAM	LMRLB
0-116	-	J543	-	P11
0-117	-	P542	LAMP HIGH MOUNT LEFT LOW-BEAM	HMLLB
0-118	-	J542	-	P12
0-119	-	J543	-	P11
0-120	-	P543	LAMP HIGH MOUNT RIGHT LOW-BEAM	HMRLB
0-121	LAMP LOW MOUNT ...	LMLHB	-	P542
0-122	-	P11	-	J543
0-123	-	P543	LAMP HIGH MOUNT RIGHT HI-BEAM	HMRHB
0-124	-	P11	-	J543
0-125	-	P543	LAMP LOW MOUNT RIGHT HI-BEAM	LMRHB
0-126	-	J11	SP10	-
0-127	-	J11	SP09	-
0-128	-	J12	SP12	-
0-129	-	J12	SP12	-
0-130	SP10	-	GB31-A AUXBOX GND BLCK	GB31B-A2
0-131	SP11	-	GB31-A AUXBOX GND BLCK	GB31B-B2
0-132	SWITCH HAZARD L...	P36	SWITCH BRAKE TEST	P37
0-133	SWITCH HAZARD L...	P36	SWITCH HAZARD LIGHTS	P36
0-134	-	J12	SP11	-
0-135	-	J11	SP08	-
0-136	-	P12	-	J540
0-137	-	P540	-	P503
0-138	-	J503	SP142	-
0-139	SP142	-	LAMP MARKER/TURN LEFT SIDE DEC...	LCL1
0-140	SP142	-	LAMP MARKER/TURN LEFT FRT DECK	LCL2
0-141	-	P11	-	J541
0-142	-	P541	-	P502
0-143	-	J502	SP147	-
0-144	SP147	-	LAMP MARKER/TURN RIGHT FRT DEC...	RCL1
0-145	SP147	-	LAMP MARKER/TURN RIGHT SIDE DE...	RCL2
0-146	-	J16	SP15	-
0-147	-	J14	SP14	-
0-149	-	P14	-	P732_CP
0-150	SWITCH FOG LAMP...	P22	SWITCH FOG LAMP (OPT)	P22
0-151	SWITCH FOG LAMP...	P22	GB10 FRT CAB GND	GB10-A3
0-156	-	P16	-	P731_CP
0-157	RELAY HEADLIGHT...	HHMR-85	RELAY BACKUP LIGHT (BULR)	BULR-85
0-158	SP195	-	LAMP GREEN PAYLOAD RIGHT	RPLG
0-160	GB31-B AUXBOX G...	GB31A-A2	SP14	-
0-161	-	J14	SP14	-
0-162	-	J12	SP13	-
0-163	-	J12	SP13	-
0-164	-	J11	SP10	-

NAME	DEVICE FROM	CONN FROM	DEVICE TO	CONN TO
0-165	-	J11	SP10	-
0-166	-	P11	-	J541
0-167	-	P541	LAMP DECK LADDER LIGHT #1	RDLLT
0-168	-	J541	-	P11
0-169	LAMP DECK LIGHT...	RDLT	-	P541
0-170	-	J540	-	P12
0-171	LAMP DIAGONAL L...	LDLLT	-	P540
0-172	-	J540	-	P12
0-173	-	P540	-	P544_CP
0-174	-	P565	-	P14
0-175	-	J565	SP151	-
0-176	LAMP CONTROL CA...	CDL1	SP151	-
0-177	LAMP CONTROL CA...	CDL2	SP151	-
0-178	GB10 FRT CAB GN...	GB10-B2	ACTIA DISPLAY PANEL DIMMER	P18
0-179	SWITCH DISPLAY ...	P20	GB10 FRT CAB GND	GB10-B4
0-180	SWITCH DISPLAY ...	P20	SWITCH DISPLAY MODE #2	P20
0-181	SWITCH DISPLAY ...	P20	SWITCH DISPLAY MODE #2	P20
0-182	SWITCH DISPLAY ...	P20	SWITCH DISPLAY MODE #1	P21
0-183	SWITCH DISPLAY ...	P21	SWITCH DISPLAY MODE #1	P21
0-184	SWITCH DISPLAY ...	P21	SWITCH DISPLAY MODE #1	P21
0-185	ACTIA DASH DISP...	P903	GB10 FRT CAB GND	GB10-D3
0-186	SWITCH CAB LADD...	P24	SWITCH HEADLIGHTS	P25
0-187	R27	R27	GB10 FRT CAB GND	GB10-B2
0-188	SWITCH CAB LADD...	P24	SWITCH CAB LADDER LIGHT	P24
0-189	LAMP RED PAYLOA...	RPLR	SP195	-
0-191	SWITCH LEFT WIN...	P072	GB12 REAR CAB	GB12-D2
0-192	GB12 REAR CAB	GB12-D1	SWITCH LEFT WINDOW	P072
0-194	SWITCH LEFT WIN...	P072	SWITCH LEFT WINDOW	P072
0-195	SWITCH LEFT WIN...	P072	GB12 REAR CAB	GB12-D2
0-197	SWITCH RIGHT WI...	P071	GB12 REAR CAB	GB12-D1
0-198	SWITCH RIGHT WI...	P071	GB12 REAR CAB	GB12-C2
0-199	SP195	-	LAMP AMBER PAYLOAD RIGHT	RPLA
0-200	GB12 REAR CAB	GB12-C2	SWITCH RIGHT WINDOW	P071
0-201	SWITCH RIGHT WI...	P071	SWITCH RIGHT WINDOW	P071
0-202	-	J210	-	J04
0-203	-	P03	GB31-A AUXBOX GND BLCK	GB31A-C1
0-204	-	P03	GB31-A AUXBOX GND BLCK	GB31A-C1
0-205	-	P03	GB31-A AUXBOX GND BLCK	GB31A-C4
0-206	-	P03	GB31-A AUXBOX GND BLCK	GB31A-C4
0-207	-	J03	GB12 REAR CAB	GB12-A1
0-208	-	J03	GB12 REAR CAB	GB12-A1
0-209	-	J03	GB12 REAR CAB	GB12-B1
0-210	-	J03	GB12 REAR CAB	GB12-B1
0-211	GB12 REAR CAB	GB12-A2	-	J601_CP
0-212	GB12 REAR CAB	GB12-A2	-	J601_CP
0-213	GB12 REAR CAB	GB12-B1	-	J602_CP
0-214	-	MM/RPC	GB12 REAR CAB	GB12-B2
0-215	-	P801	GB31-B AUXBOX GND BLCK	GB31B-A1
0-216	-	J12	SP13	-
0-217	-	P12	OIL RESERVE SYS	P506_CP
0-218	-	P12	SP777	-
0-219	-	J12	SP13	-
0-220	-	P11	OIL RESERVE SYS	P180_CP
0-221	SP777	-	OIL RESERVE SYS	P505_CP
0-222	SP09	-	-	J11
0-223	-	J11	SP09	-
0-225	GB31-B AUXBOX G...	GB31B-D4	-	P240
0-226	-	P240	GB31-B AUXBOX GND BLCK	GB31B-D4
0-227	-	J240	GB8 BRAKE CABINET	GB8-1
0-228	-	J240	GB8 BRAKE CABINET	GB8-1
0-229	TB21	TB21-X1	R19	R19
0-230	INTERFACE MODUL...	IM1	TB21	TB21-X2
0-231	R18	R18	TB21	TB21-X3
0-232	TB29 X5	TB29-X5	TB26 M5	TB26-M5
0-233	TB26 M5	TB26-M5	GB31-A AUXBOX GND BLCK	GB31A-C3
0-234	GB31-A AUXBOX G...	GB31A-C3	TB36	TB36-K1
0-235	TB36	TB36-K1	TB27	TB27-W3
0-237	RELAY ACCESS LA...	ALLR-85	GB31-A AUXBOX GND BLCK	GB31A-A4
0-238	TB24	TB24-X1	TB21	TB21-X4
0-239	GB8 BRAKE CABIN...	GB8-3	D3	D3
0-240	-	J16	SP15	-
0-241	-	J16	SP15	-
0-242	SP15	-	-	J16
0-243	-	P16	TB61	TB61-A1
0-244	-	P16	TB61	TB61-B1
0-245	-	P16	TB61	TB61-C1
0-246	TB61	TB61-A2	GB1 - REAR AXLE	GB1-A1
0-247	TB61	TB61-B2	GB1 - REAR AXLE	GB1-A2
0-248	HORN BACKUP RIG...	LRBH-(-)	GB1 - REAR AXLE	GB1-A3
0-249	HORN BACKUP LEF...	RRBH-(-)	GB1 - REAR AXLE	GB1-A3
0-250	GB1 - REAR AXLE	GB1-A3	-	HIDBL_CP
0-251	LAMP BACKUP REA...	RRBL	GB1 - REAR AXLE	GB1-B1
0-252	LAMP BACKUP REA...	LRBL	GB1 - REAR AXLE	GB1-B1
0-253	LAMP RETARD LEF...	LRL	GB1 - REAR AXLE	GB1-A4
0-254	GB1 - REAR AXLE	GB1-A4	LAMP RETARD RIGHT REAR	RRL
0-255	-	J11	SP08	-
0-256	-	J541	-	P11
0-257	-	P502	-	P541
0-258	LAMP BACKUP LIG...	RBUL	-	J502
0-259	LAMP BACKUP LIG...	LBUL	-	J503
0-260	SHIFTER DIRECTI...	P108	JB6C	JB6C
0-261	-	P503	-	P540
0-262	-	J540	-	P12
0-263	-	J12	SP11	-
0-264	GB1 - REAR AXLE	GB1-B1	LAMP STOP/TAIL LEFT	LRSTL
0-265	LAMP STOP/TAIL ...	RRSTL	GB1 - REAR AXLE	GB1-B3
0-266	JB6C	JB6C	GB12 REAR CAB	GB12-D3
0-267	TB24	TB24-X1	TB27	TB27-W3
0-268	SWITCH FOG LAMP...	P22	SWITCH MANUAL BACKUP LIGHT	P23
0-269	SWITCH MANUAL B...	P23	SWITCH MANUAL BACKUP LIGHT	P23
0-270	-	J14	SP14	-
0-271	-	P563_CP	-	P14
0-272	-	J563	SP166	-
0-273	SP166	-	LAMP HYDRAULIC PUMP MOD (OPT)	HPML
0-274	SWITCH HYDRAULI...	HPMS-3	SP166	-
0-276	-	J540	-	P12
0-277	LAMP LEFT UPPER...	LUESL	-	P540
0-279	-	J540	-	P12
0-280	LAMP LEFT LOWER...	LLESL	-	P540
0-282	-	J541	-	P11
0-283	LAMP RIGHT UPPE...	RUESL	-	P541
0-285	-	J541	-	P11
0-286	-	P541	SP165	-
0-287	SP165	-	LAMP RIGHT LOWER ENGINE SERVIC...	RLESL
0-288	SWITCH RIGHT EN...	RESLS-1	SP165	-
0-289	SWITCH AUTOLUBE...	LLPS	TB61	TB61-A3
0-290	-	J540	-	P12
0-291	-	P503	-	P540
0-292	-	J503	SP168	-
0-293	HORN FRONT VEHI...	AHS	SP168	-
0-294	D1	D1	SP168	-
0-295	TB61	TB61-A4	GB1 - REAR AXLE	GB1-B2
0-296	-	P704	GB1 - REAR AXLE	GB1-B4
0-297	-	J704	SP169	-
0-298	SP169	-	LAMP REAR SERVICE	PL
0-299	SP169	-	TIMER REAR SERVICE LAMP (PLT)	PLT-3
0-300	GB1 - REAR AXLE	GB1-B3	-	P55
0-301	GB1 - REAR AXLE	GB1-B3	-	J54
0-302	-	P54	SP177	-
0-303	SP177	-	LAMP BODY LEFT REAR MARKER	LSCL2
0-304	LAMP BODY LEFT ...	LSCL1	SP177	-
0-305	-	J55	SP174	-
0-306	SP174	-	LAMP BODY RIGHT REAR MARKER	RSCL2
0-307	LAMP BODY RIGHT...	RSCL1	SP174	-
0-308	JB6C	JB6C	-	J229
0-309	JB6C	JB6C	-	J228
0-310	JB6C	JB6C	SWITCH CAB SECONDARY ENGINE SH...	ESS-B
0-311	JB6C	JB6C	SWITCH BODYUP OVERRIDE / RESET...	ORS-B
0-312	SWITCH RETARD S...	RSCS_1-3	GB12 REAR CAB	GB12-D4
0-313	-	J02	RETARD SPEED CONTROL	RSP

NAME	DEVICE FROM	CONN FROM	DEVICE TO	CONN TO
0-314	SWITCH RETARD S...	RSCS-B	SWITCH RETARD SPEED CONTROL (R...	RSCS_1-3
0-315	-	P02	TB31	TB31-G2
0-316	GE CONTROL INTE...	P303	TB31	TB31-G1
0-317	SWITCH DC POWER...	P35	GB10 FRT CAB GND	GB10-C1
0-318	SWITCH GRID DRY	P34	GB10 FRT CAB GND	GB10-C1
0-319	SWITCH GRID DRY	P34	SWITCH GRID DRY	P34
0-320	SWITCH BRAKE TE...	P37	SWITCH BRAKE LOCK	P39
0-321	SWITCH BRAKE TE...	P37	SWITCH BRAKE TEST	P37
0-322	GE CONTROL INTE...	P305	GB31-B AUXBOX GND BLCK	GB31B-B3
0-323	GE CONTROL INTE...	P305	GB31-B AUXBOX GND BLCK	GB31B-B3
0-324	SENSOR FUEL LEV...	FLS	SP185	-
0-325	-	J16	GB31-B2 AUXBOX GND BLCK	GB31B-A5
0-326	-	J730	-	P16
0-327	SP185	-	-	P730
0-328	SWITCH STEERING...	SFSW	SP185	-
0-329	-	J02	SWITCH DRIVERS SEAT BELT	P212
0-330	-	P02	GB31-B AUXBOX GND BLCK	GB31B-A4
0-331	SWITCH LOW STEE...	ACPSW	-	P14
0-332	SWITCH STEERING...	SABS	-	P14
0-333	-	J14	SP14	-
0-334	-	J14	SP14	-
0-335	SWITCH ACCUMULA...	ACCP2-C	-	P13
0-336	-	J13	GB31-B2 AUXBOX GND BLCK	GB31B-D5
0-337	SWITCH PARK BRA...	PBPSW	GB8 BRAKE CABINET	GB8-2
0-338	SWITCH LOW BRAK...	LBPS	GB8 BRAKE CABINET	GB8-2
0-339	SWITCH SERVICE ...	BDS	GB8 BRAKE CABINET	GB8-2
0-340	-	P14	SENSOR HYDRAULIC TANK LEVEL	P712
0-341	-	J14	SP14	-
0-342	-	P511	-	P11
0-343	SWITCH AUTOLUBE...	P512	-	J511
0-344	-	J11	SP10	-
0-345	R30	R30	TB21	TB21-X3
0-346	-	P04	GB31-A AUXBOX GND BLCK	GB31A-B4
0-347	-	J04	JB8A	JB8A
0-348	JB8A	JB8A	KOMTRAX PLUS MODULE	P1
0-349	JB8A	JB8A	KOMTRAX PLUS MODULE	P1
0-350	JB8A	JB8A	KOMTRAX PLUS MODULE	P1
0-351	JB8A	JB8A	KOMTRAX PLUS MODULE	P1
0-352	JB8A	JB8A	ORBCOMM MODULE (OPT)	CNA
0-353	ORBCOMM MODULE ...	CNA	JB8A	JB8A
0-354	JB8A	JB8A	-	P653_CP
0-355	-	J808-	ENGINE QSK60 INTERFACE TIER I	P806-
0-356	-	J808-	ENGINE QSK60 INTERFACE TIER I	P805-
0-357	A/C COMPRESSOR ...	P803-	GB3 ENG GND BLOCK	GB3-A1
0-358	GB3 ENG GND BLO...	GB3-A1	SWITCH A/C RECEIVER DRYER T1	RECDR-T1
0-359	SWITCH ENGINE R...	EOPSW1-2	-	J801-
0-361	TB28	TB28-R2	GB31-B AUXBOX GND BLCK	GB31B-C4
0-362	-	DIAG4	GB12 REAR CAB	GB12-C4
0-363	SP142	-	SP196	-
0-364	SP147	-	SP195	-
0-365	PAY LOAD METER ...	P264	GB31-B AUXBOX GND BLCK	GB31B-A3
0-366	LAMP LED STARTE...	SLON	JB1	JB1
0-367	SP196	-	LAMP RED PAYLOAD LEFT	LPLR
0-368	SP196	-	LAMP AMBER PAYLOAD LEFT	LPLA
0-369	LAMP GREEN PAYL...	LPLG	SP196	-
0-370	SCORE BOARD RIG...	CNRIN	SCORE BOARD LEFT (OPT)	CNLO
0-375	TB36	TB36-R4	GB31-B AUXBOX GND BLCK	GB31B-C3
0-376	RELAY WIPER MOT...	P08	RELAY HYDRAULIC LADDER PK STAT...	P263
0-377	MOTOR WINDSHIEL...	WW-	-	P03
0-378	RELAY WIPER MOT...	P09	RELAY WIPER MOTOR HIGH	P08
0-379	-	J03	GB12 REAR CAB	GB12-C3
0-380	TIMER WASHER DE...	WADT-3	RELAY WIPER MOTOR LOW	P09
0-381	RELAY HYDRAULIC...	P263	GB10 FRT CAB GND	GB10-C3
0-382	MOTOR WINDSHIEL...	P07	GB10 FRT CAB GND	GB10-C3
0-383	12VDC POWER POR...	PWR1-2	-	J03
0-384	12VDC POWER POR...	PWR2-2	-	J03
0-385	-	P03	GB31-A AUXBOX GND BLCK	GB31A-C1
0-386	-	P03	GB31-A AUXBOX GND BLCK	GB31A-C4
0-387	SP198	-	TB24	TB24-X3
0-388	R51	R51	TB27	TB27-W4
0-389	-	P651_CP	GB10 FRT CAB GND	GB10-D4
0-390	SWITCH CAMERA (...	P31	GB10 FRT CAB GND	GB10-D4
0-391	SWITCH CAMERA (...	P31	SWITCH CAMERA (OPT)	P31
0-392	-	J651	SP701	-
0-393	CAMERA CONTROLL...	P652	SP701	-
0-394	SP701	-	-	P650
0-395	-	J541	-	P11
0-396	-	P502	-	P541
0-397	-	P548_CP	-	J502
0-398	-	J540	-	P12
0-399	-	P503	-	P540
0-400	-	P549_CP	-	J503
0-401	-	J11	SP08	-
0-402	-	J12	SP11	-
0-403	-	J11	SP08	-
0-404	-	J541	-	P11
0-405	-	P502	-	P541
0-406	-	P546_CP	-	J502
0-407	-	J12	SP11	-
0-408	-	J540	-	P12
0-409	-	P503	-	P540
0-410	-	P547_CP	-	J503
0-411	SWITCH ROTATING...	P32	GB10 FRT CAB GND	GB10-D2
0-412	GB10 FRT CAB GN...	GB10-D2	SWITCH HEATED MIRROR	P33
0-413	GB31-A AUXBOX G...	GB31A-C2	SP12	-
0-414	GB31-A AUXBOX G...	GB31A-D2	SP13	-
0-415	GB31-B AUXBOX G...	GB31A-B2	SP15	-
0-416	GB31-B AUXBOX G...	GB31B-C2	SP08	-
0-417	GB31-B AUXBOX G...	GB31B-D2	SP09	-
0-420	SP09	-	-	J11
0-421	SP08	-	-	J11
0-422	SP11	-	-	J12
0-423	-	J14	SP14	-
0-424	-	J12	SP12	-
0-425	-	J12	SP12	-
0-426	-	J12	SP11	-
0-427	-	P04	GB31-A AUXBOX GND BLCK	GB31A-B4
0-428	-	J04	-	RRBB2
0-429	SOLENOID ETHER ...	ESOL	-	ETHER2-
0-430	-	R546	MIRROR HEATED RIGHT DECK	MIRROR1
0-431	-	L547	MIRROR HEATED LEFT DECK	MIRROR2
0-432	-	J16	GB31-A AUXBOX GND BLCK	GB31A-D3
0-433	-	P16	-	RBML_CP
0-434	-	J12	GB31-A AUXBOX GND BLCK	GB31A-D3
0-435	-	P12	-	J540
0-436	-	P540	-	P503
0-437	-	J503	-	LDML_CP
0-438	-	J11	GB31-A AUXBOX GND BLCK	GB31A-D3
0-439	-	J541	-	P11
0-440	-	P541	-	P502
0-441	-	RDML_CP	-	J502
0-442	-	RBML1	-	RBML2_CP
0-444	LAMP HYDRAULIC ...	HL2	GB8 BRAKE CABINET	GB8-4
0-445	GB8 BRAKE CABIN...	GB8-4	LAMP HYDRAULIC CABINET #1	HL1
0-446	TB31	TB31-G3	TB29	TB29-X4
0-447	TB30	TB30-R2	TB28	TB28-R2
0-448	RELAY MASTER DI...	MLREL	JB1	JB1
0-449	LAMP DECK LIGHT...	LDLT	-	J544
0-490	SP797	-	-	P42258
0-491	SP797	-	SWITCH HEDWELD LIMIT	-
0-492	SP797	-	SWITCH HEDWELD LIMIT	-
0-500	-	J712	TB-HTST	TB-HTST-D4
0-501	HEATER COOLANT ...	-	TB-HTST	TB-HTST-C1
0-502	HEATER COOLANT ...	-	TB-HTST	TB-HTST-C2
0-503	OIL RESERVE SYS	P315_CP	SP801	-
0-504	SP706	-	THERMOSTAT ENGINE OIL	BOTS
0-505	SP706	-	TB-HTST	TB-HTST-E1
0-506	SP706	-	SP705	-
0-507	HEATER ENGINE O...	EOH1	SP705	-
0-508	SP705	-	HEATER ENGINE OIL RH	EOH2

NAME	DEVICE FROM	CONN FROM	DEVICE TO	CONN TO
0-509	TB-HTST	TB-HTST-D2	-	CON1
0-510	SP709	-	-	CON2
0-511	HEATER HYDRAULI...	HOHTR1	SP709	-
0-512	SP709	-	HEATER HYDRAULIC OIL #2	HOHTR2
0-513	-	P12	SP801	-
0-514	-	CON3	TB-HTST	TB-HTST-E2
0-515	HEATER OIL RESE...	EOHTR2	-	CON4
0-516	BATT1	BAT1(+)	BATT2	BAT2(-)
0-517	BATT3	BAT3(+)	BATT4	BAT4(-)
0-519	SP777	-	-	P830
0-521	-	J12	SP15	-
0-522	-	J11	SP15	-
0-523	HEATED HOSE REL...	TSW-85	SP15	-
0-524	SP004	-	OIL RESERVE SYS	CM1_FVAL_CP
0-525	SP004	-	OIL RESERVE SYS	CM2_FVAL_CP
0-526	OIL RESERVE SYS	ORS_FVAL_CP	SP004	-
0-527	OIL RESERVE SYS	P316_CP	SP801	-
0-600	TB31	TB31-V4	TB31	TB31-L3
0-601	TB31	TB31-L3	GB31-A AUXBOX GND BLCK	GB31A-D4
0-602	R2	R2	GB31-B2 AUXBOX GND BLCK	GB31B-B5
0ACL-000	-	J01	ACCELERATOR PEDAL	P236
0ACL-001	TB31	TB31-W2	-	P01
0ACL-002	GE CONTROL INTE...	P303	TB31	TB31-W3
0ACL-003	GE CONTROL INTE...	P304	TB31	TB31-W1
0COM-000	-	J02	GE DID PANEL	DID
0COM-001	-	P02	TB22	TB22-S2
0COM-002	TB22	TB22-S1	SP181	-
0COM-003	TB22	TB22-S3	SP182	-
0COM-004	GE CONTROL INTE...	P302	SP181	-
0COM-005	GE CONTROL INTE...	P302	SP181	-
0COM-006	GE CONTROL INTE...	P302	SP181	-
0COM-007	GE CONTROL INTE...	P302	SP182	-
0COM-008	GE CONTROL INTE...	P302	SP182	-
0COM-009	GE CONTROL INTE...	P302	SP182	-
0LEV-000	-	J01	RETARD CONTROL LEVER (OPT)	P237
0LEV-001	TB31	TB31-L2	-	P01
0LEV-002	GE CONTROL INTE...	P302	TB31	TB31-L1
0LF-000	-	P13	SENSOR LEFT FRONT WHEEL SPEED	P507
0LF-001	TB33	TB33-P2	-	J13
0LF-002	GE CONTROL INTE...	P301	TB33	TB33-P1
0LF-003	GE CONTROL INTE...	P301	TB33	TB33-P3
0RET-000	-	J01	RETARD CONTROL PEDAL	P235
0RET-001	TB31	TB31-V2	-	P01
0RET-002	GE CONTROL INTE...	P302	TB31	TB31-V1
0RF-000	-	P13	SENSOR RIGHT FRONT WHEEL SPEED	P501
0RF-001	-	J13	TB33	TB33-K2
0RF-002	GE CONTROL INTE...	P301	TB33	TB33-K1
0RF-003	GE CONTROL INTE...	P301	TB33	TB33-K3
1M-000	RELAY MASTER DI...	MLREL	LAMP LED MASTER DISCONNECT OPE...	MLLO
1S-000	RELAY STARTER L...	SLREL	LAMP LED STARTER LOCKOUT OPEN	SLLO
5HFQ-000	ENGINE QSK60 IN...	P805-	ENGINE QSK60 INTERFACE TIER I	P805-
5VDI-000	-	J02	GE DID PANEL	DID
5VDI-001	TB21	TB21-W2	-	P02
5VDI-002	TB21	TB21-W1	GE CONTROL INTERFACE	P302
5VDI-003	GE CONTROL INTE...	P302	TB21	TB21-W1
5VDI-004	TB21	TB21-W3	GE CONTROL INTERFACE	P302
5VDI-009	-	J15	-	J702
5VDI-010	-	P15	-	RRBPS_CP
5VDI-011	-	J15	-	J702
5VDI-012	-	P15	-	LRBPS_CP
5VIM-000	TB30	TB30-K1	INTERFACE MODULE	IM3
5VIM-001	TB30	TB30-K1	INTERFACE MODULE	IM3
5VIM-002	-	J14	TB30	TB30-K2
5VIM-003	TB30	TB30-K4	-	J14
5VIM-004	TB30	TB30-K3	-	J14
5VIM-005	SENSOR HYDRAULI...	P711	-	P14
5VIM-006	-	J14	TB30	TB30-L2
5VIM-007	SENSOR DUCT AIR...	ATS	-	P14
5VIM-008	-	J14	TB30	TB30-L4
7HMWU-000	KOMTRAX PLUS MO...	P2A	ORBCOMM MODULE (OPT)	CNA
7M1A1	GE CONTROL CABL...	IPT1AX2	MOTOR WHEEL DRIVE # 1	MTR1-TA1
7M1A2	GE CONTROL CABL...	IPT1AX3	MOTOR WHEEL DRIVE # 1	MTR1-TA2
7M1B1	GE CONTROL CABL...	IPT1BX2	MOTOR WHEEL DRIVE # 1	MTR1-TB1
7M1B2	GE CONTROL CABL...	IPT1BX3	MOTOR WHEEL DRIVE # 1	MTR1-TB2
7M1C1	GE CONTROL CABL...	IPT1CX2	MOTOR WHEEL DRIVE # 1	MTR1-TC1
7M1C2	GE CONTROL CABL...	IPT1CX3	MOTOR WHEEL DRIVE # 1	MTR1-TC2
7M2A1	GE CONTROL CABL...	IPT2AX2	MOTOR WHEEL DRIVE # 2	MTR2-TA1
7M2A2	GE CONTROL CABL...	IPT2AX3	MOTOR WHEEL DRIVE # 2	MTR2-TA2
7M2B1	GE CONTROL CABL...	IPT2BX2	MOTOR WHEEL DRIVE # 2	MTR2-TB1
7M2B2	GE CONTROL CABL...	IPT2BX3	MOTOR WHEEL DRIVE # 2	MTR2-TB2
7M2C1	GE CONTROL CABL...	IPT2CX2	MOTOR WHEEL DRIVE # 2	MTR2-TC1
7M2C2	GE CONTROL CABL...	IPT2CX3	MOTOR WHEEL DRIVE # 2	MTR2-TC2
10V-000	GE CONTROL INTE...	P303	TB31	TB31-M1
10V-001	-	P02	TB31	TB31-M2
10V-003	-	J01	ACCELERATOR PEDAL	P236
10V-004	-	J01	RETARD CONTROL PEDAL	P235
10V-005	-	J01	RETARD CONTROL LEVER (OPT)	P237
10V-006	-	J02	RETARD SPEED CONTROL	RSP
10V-007	TB31	TB31-N3	R17	R17
10V-008	TB31	TB31-M4	-	P01
10V-009	TB31	TB31-N2	-	P01
10V-010	TB31	TB31-N4	-	P01
11-000	BATT2	BAT2(+)	BUSS BAR 24VDC BATT BOX	BUS24V-1
11-001	BATT4	BAT4(+)	BUSS BAR 24VDC BATT BOX	BUS24V-6
11-002	BUSS BAR 24VDC ...	BUS24V-11	BUSS BAR 11	SDISC-1
11-003	BUSS BAR 24VDC ...	BUS24V-10	BUSS BAR 11	SDISC-2
11-004	24VDC AUXBOX BU...	24VDC-A2	RELAY KEY SWITCH (KSWPR)	KSWPR-88
11-005	24VDC AUXBOX BU...	24VDC-A4	RELAY KEY / GE CNTRL PWR (KCNP...	KCNPR-88
11-006	CB60	CB60-1	24VDC AUXBOX BUSS	24VDC-A3
11-007	BUSS BAR 24VDC ...	BUS24V-8	24VDC AUXBOX BUSS	24VDC-A1
11-008	ENGINE JUMP STA...	-	BUSS BAR 24VDC BATT BOX	BUS24V-2
11-009	ENGINE JUMP STA...	-	BUSS BAR 24VDC BATT BOX	BUS24V-3
11-010	24VDC AUXBOX BU...	24VDC-B1	VEC-90	VEC90-F2
11-011	24VDC AUXBOX BU...	24VDC-B4	VEC-91	VEC91-S5A
11-012	24VDC AUXBOX BU...	24VDC-B2	VEC-89	VEC89-S8A
11-013	24VDC ALTERNATO...	ALT_SEN	BUSS BAR 24VDC BATT BOX	BUS24V-9
11-020	LAMP LED MASTER...	MLLON	BUSS BAR 11	SDISC-7
11-021	BUSS BAR 11	SDISC-7	RELAY MASTER DISCONNECT	MLREL
11-022	RELAY MASTER DI...	MLREL	RELAY MASTER DISCONNECT	MLREL
11-025	RELAY ENG START...	ESREL1-88	BUSS BAR 24VDC BATT BOX	BUS24V-4
11-026	BUSS BAR 24VDC ...	BUS24V-5	RELAY ENG STARTER 2 (ESREL2)	ESREL2-88
11-027	BUSS BAR 24VDC ...	BUS24V-7	24VDC ALTERNATOR	ALT(+)
11-028	SWITCH PROPEL L...	PLOS-F2	RELAY 1 PROPEL LOCKOUT	PLREL
11-029	SWITCH PROPEL L...	PLOS-F2	BUSS BAR 11	SDISC-6
11-030	BUSS BAR 11	SDISC-6	RELAY STARTER LOCKOUT	SLREL
11A-000	VEC-91	VEC91-P4	TB35	TB35-B3
11A-001	TB35	TB35-A1	RELAY VEHICLE HORN POWER (HPR)	HPR-88
11A-002	TB35	TB35-A2	-	J16
11A-003	TB35	TB35-B2	-	P240
11A-004	TB35	TB35-B4	-	P02
11A-005	-	P16	TB60	TB60-L1
11A-006	TB60	TB60-L2	-	P704
11A-007	-	J704	SWITCH REAR SERVICE LAMP (PLS)	PLS-3
11A-008	-	J240	SWITCH HYDRAULIC LAMP	HLSW-2
11A-011	RELAY VEHICLE H...	HPR-86	RELAY VEHICLE HORN POWER (HPR)	HPR-88
11A-012	-	DIAG4	-	J02
11A1-000	SWITCH HYDRAULI...	HLSW-1	SP171	-
11A1-001	LAMP HYDRAULIC ...	HL1	SP171	-
11A1-002	SP171	-	LAMP HYDRAULIC CABINET #2	HL2
11AL-000	TIMER REAR SERV...	PLT-C	SWITCH REAR SERVICE LAMP (PLS)	PLS-2
11ALT-000	TIMER REAR SERV...	PLT-NO	LAMP REAR SERVICE	PL
11B1-000	12VDC CONVERTER...	12VCN-12VB	TB24	TB24-L1
11B1-001	12VDC CONVERTER...	12VCN-12VA	RELAY 12V POWER (12VPR)	12VPR-88
11B1-002	TB24	TB24-L4	VEC-91	VEC91-P10
11B1-003	TB24	TB24-L3	INTERFACE MODULE	IM3
11B5-000	CB60	CB60-2	12VDC CONVERTER (12VCN)	12VCN-24VA
11D-000	VEC-89	VEC89-P2	TB22	TB22-A1
11D-001	TB22	TB22-A2	-	P03
11D-002	-	J03	SWITCH HEADLIGHTS	P25
11D-003	SWITCH HEADLIGH...	P25	SWITCH HEADLIGHTS	P25

NAME	DEVICE FROM	CONN FROM	DEVICE TO	CONN TO
11DISP-000	VEC-91	VEC91-P2	TB23	TB23-G2
11DISP-001	TB23	TB23-G1	-	P01
11DISP-003	-	J01	ACTIA DASH DISPLAY	P903
11DSL-000	VEC-89	VEC89-P12	RELAY ACCESS LADDER LIGHT (ALL...	ALLR-88
11E1-000	TB27	TB27-A2	VEC-91	VEC91-P2
11E1-001	TB27	TB27-A1	-	P808
11E1-002	TB27	TB27-A3	-	P808
11E1-003	-	J808	SP112	-
11E1-004	SP112	-	-	J808
11E1-005	ENGINE QSK60 IN...	P804	SP112	-
11E1-006	-	J808-	ENGINE QSK60 INTERFACE TIER I	P805-
11E2-000	TB27	TB27-B2	VEC-91	VEC91-P2
11E2-001	-	P808	TB27	TB27-B1
11E2-002	-	P808	TB27	TB27-B3
11E2-003	-	J808	SP113	-
11E2-004	SP113	-	-	J808
11E2-005	ENGINE QSK60 IN...	P804	SP113	-
11E2-006	-	J808-	ENGINE QSK60 INTERFACE TIER I	P805-
11E3-000	TB27	TB27-C2	VEC-91	VEC91-P2
11E3-001	-	P808	TB27	TB27-C1
11E3-002	-	P808	TB27	TB27-C3
11E3-003	-	J808	SP114	-
11E3-004	-	J808	SP114	-
11E3-005	ENGINE QSK60 IN...	P804	SP114	-
11E4-000	TB27	TB27-D2	VEC-91	VEC91-P2
11E4-001	TB27	TB27-D1	-	P808
11E4-002	ENGINE QSK60 IN...	P804	-	J808
11ER-000	VEC-91	VEC91-P11	TB22	TB22-D1
11ER-001	TB22	TB22-D2	-	P03
11ER-002	TB22	TB22-D3	-	P03
11ER-003	-	J03	SP155	-
11ER-004	-	J03	SP155	-
11ER-005	-	J601_CP	SP155	-
11FS-000	VEC-91	VEC91-P11	TB22	TB22-F1
11FS-001	TB22	TB22-F2	-	P03
11FS-002	-	J602_CP	-	J03
11H-000	TB22	TB22-B1	RELAY VEHICLE HORN POWER (HPR)	HPR-85
11H-001	-	P03	TB22	TB22-B2
11H-002	-	J03	SWITCH HORN BUTTON	P120
11HH-000	HEATED HOSE REL...	TSW-88	VEC-91	VEC91-P1
11HH-002	HEATED HOSE REL...	TSW-88	ORS RELAY	ORS-86
11HL-000	VEC-89	VEC89-P12	RELAY HIGH BEAM HEADLIGHT (HBH...	HBHR-88
11HS-000	RELAY VEHICLE H...	HPR-88A	-	J12
11HS-001	-	P12	-	J540
11HS-002	-	P540	-	P503
11HS-003	-	J503	SP167	-
11HS-004	SP167	-	HORN FRONT VEHICLE	AHS
11HS-005	D1	D1	SP167	-
11IM2-000	VEC-91	VEC91-P4	INTERFACE MODULE	IM1
11INT-000	VEC-91	VEC91-P3	INTERFACE MODULE	IM1
11KS-001	-	P12	P536_CP	P536_CP
11KS-002	-	J12	TB24	TB24-H1
11KS-003	TB24	TB24-H1	VEC-90	VEC90-P1
11KS-004	-	P03	TB24	TB24-H2
11KS-005	-	J536	SWITCH LEFT GROUND LEVEL SHUTD...	ESDS-1
11KS-006	-	J03	SWITCH KEY (KEYSW)	KEYSW-B
11KS-007	-	P11	-	P533_CP
11KS-008	-	J11	TB24	TB24-H1
11KS-009	-	J533	SWITCH RIGHT GROUND LEVEL SHUT...	ESDSR-1
11L-000	VEC-91	VEC91-P3	TB22	TB22-C1
11L-001	TB22	TB22-C2	-	P03
11L-002	-	J03	TB10	TB10-G1
11L-003	TB10	TB10-H2	SWITCH ROTATING BEACON (OPT)	P32
11L-004	TB10	TB10-G1	SP732	-
11L-005	-	J04	LAMP CAB DOME	CDL
11L-006	SWITCH HAZARD L...	P36	SWITCH HAZARD LIGHTS	P36
11L-007	TB22	TB22-C4	-	P04
11L-008	TB10	TB10-H2	SWITCH CAB LADDER LIGHT	P24
11L-009	SP732	-	SWITCH HAZARD LIGHTS	P36
11L-010	SP732	-	SWITCH HEADLIGHTS	P25
11LL-000	VEC-89	VEC89-P9	RELAY HEADLIGHT LOW MOUNT (HLM...	HLMR-88
11LR-000	VEC-89	VEC89-P9	RELAY HEADLIGHT HIGH MOUNT (HH...	HHMR-88
11M-000	VEC-91	VEC91-P4	TB32	TB32-P1
11M-001	TB32	TB32-P2	-	P02
11M-002	-	J02	-	MM/RPC
11ONS-000	-	J01	ACTIA DASH DISPLAY	P903
11ONS-001	-	P01	TB35	TB35-T1
11ONS-002	TB35	TB35-T2	INTERFACE MODULE	IM1
11ORS-001	TB28	TB28-D1	ORS RELAY	ORS-88
11ORS-002	VEC-91	VEC91-P4	TB28	TB28-D2
11PF-000	RELAY ENGINE PR...	PLMS-2	ENGINE PRELUBE HIGH VOLUME PUM...	PLPM-(+)
11PHH-000	-	J12	SP780	-
11PHH-001	HEATED HOSE REL...	TSW-88A	SP780	-
11PHH-002	SP805	-	OIL RESERVE SYS	P315_CP
11PHH-003	-	P12	SP805	-
11PHH-004	-	J11	SP780	-
11PHH-005	OIL RESERVE SYS	P316_CP	SP805	-
11PL-000	FUSE LINK1 (150...	FUS-2	RELAY ENGINE PRELUBE MAG SWITC...	PLMS-1
11POR-001	TB28	TB28-E1	ORS RELAY	ORS-88A
11POR-002	TB28	TB28-E2	-	J11
11POR-003	TB28	TB28-E2	-	J12
11POR-005	-	P12	SP776	-
11POR-007	SP776	-	OIL RESERVE SYS	P314_CP
11POR-009	SP776	-	OIL RESERVE SYS	P506_CP
11RB-000	SWITCH ROTATING...	P32	-	J03
11RB-001	-	P03	TB22	TB22-E1
11RB-002	TB22	TB22-E2	-	J11
11RB-003	-	J12	TB22	TB22-E4
11RB-004	TB22	TB22-E3	-	P04
11RB-005	-	P11	-	J541
11RB-006	-	J540	-	P12
11RB-007	-	P541	-	P502
11RB-008	-	P503	-	P540
11RB-009	-	J502	-	P548_CP
11RB-010	-	P549_CP	-	J503
11RB-011	-	J04	-	RRBB1
11RCNT-000	VEC-91	VEC91-P4	TB28	TB28-L1
11RCNT-001	TB28	TB28-L1	-	J12
11RCNT-002	-	P12	OIL RESERVE SYS	P505_CP
11RCNT-003	TB28	TB28-L1	-	J11
11RCNT-004	-	P11	OIL RESERVE SYS	P180_CP
11RWL	ACTIA DASH DISP...	P902	-	J01
11RWL-001	-	P01	TB35	TB35-P1
11RWL-002	TB35	TB35-P2	INTERFACE MODULE	IM1
11S-000	VEC-90	VEC90-P3	SP106	-
11S-001	SP106	-	-	J12
11S-002	SP106	-	-	J11
11S-003	-	P12	P536_CP	P536_CP
11S-004	-	J536	SWITCH LEFT GROUND LEVEL SHUTD...	ESDS-2
11S-005	-	P11	-	P533_CP
11S-006	-	J533	SWITCH RIGHT GROUND LEVEL SHUT...	ESDSR-2
11SL-000	VEC-91	VEC91-P4	TB24	TB24-A1
11SL-001	TB24	TB24-A1	TIMER (1HR) ENGINE SERVICE LAM...	ESLT-C
11SL-002	TB24	TB24-A1	TIMER (1HR) HYDRAULIC PUMP MOD...	HPLT-C
11SM1-000	MOTOR STARTER 1...	STRT1-4B	-	J801
11SM1-001	-	P801	TB28	TB28-F1
11SM1-002	TB28	TB28-F2	INTERFACE MODULE	IM3
11SM1-003	-	J801-	-	STRT1-4B-
11SM2-000	MOTOR STARTER ...	STRT2-4A	-	J801
11SM2-001	-	P801	TB28	TB28-G1
11SM2-002	TB28	TB28-G2	INTERFACE MODULE	IM3
11SM2-003	-	J801-	-	STRT2-4A-
11ST-000	BUSS BAR 11ST	SDISC-4	FUSE LINK1 (150A)	FUS-1
11ST-001	BUSS BAR 11ST	SDISC-3	MOTOR STARTER 1 (STRT1)	STRT1-1A
11ST-002	BUSS BAR 11ST	SDISC-5	MOTOR STARTER 2 (STRT2)	STRT2-1A
11ST-003	MOTOR STARTER 1...	STRT1-1C	MOTOR STARTER 2 (STRT2)	STRT2-1B
11ST-005	BUSS BAR 11ST	SDISC-8	RELAY STARTER LOCKOUT	SLREL
11ST-006	BUSS BAR 11ST	SDISC-8	LAMP LED STARTER LOCKOUT CLOSE...	SLON
12DP-000	SWITCH HEDWELD ...	-	-	P42258
12DP-002	-	P12	-	P830

NAME	DEVICE FROM	CONN FROM	DEVICE TO	CONN TO
12DP-003	-	J702	-	J12
12H-000	VEC-91	VEC91-P9	TB22	TB22-G1
12H-001	TB22	TB22-G2	-	P03
12H-002	-	J03	-	P140
12V-000	RELAY 12V POWER...	12VPR-88A	VEC-91	VEC91-S7A
12VREG-000	VEC-91	VEC91-P11	TB21	TB21-B1
12VREG-001	TB21	TB21-B2	-	P03
12VREG-002	TB21	TB21-B3	-	P03
12VREG-003	-	J03	SP156	-
12VREG-004	-	J03	SP156	-
12VREG-005	SP156	-	-	J601_CP
15SLW-001	TB33	TB33-S2	SP729	-
15SLW-002	GE CONTROL INTE...	P301	TB33	TB33-S1
15SLW-003	SP729	-	-	P57_CP
15SLW-005	SP729	-	-	J13
15SLW-006	-	P13	SENSOR LEFT FRONT WHEEL SPEED	P507
15SRW-001	TB33	TB33-M2	SP728	-
15SRW-002	GE CONTROL INTE...	P301	TB33	TB33-M1
15SRW-003	SP728	-	-	P56_CP
15SRW-004	-	J13	SP728	-
15SRW-005	-	P13	SENSOR RIGHT FRONT WHEEL SPEED	P501
15VDI-000	-	J02	GE DID PANEL	DID
15VDI-001	-	P02	TB21	TB21-T4
15VDI-002	GE CONTROL INTE...	P302	TB21	TB21-T1
15VDI-003	GE CONTROL INTE...	P302	TB21	TB21-T3
15VDI-004	TB21	TB21-T2	R17	R17
18VIM-000	INTERFACE MODUL...	IM3	TB30	TB30-W1
18VIM-001	TB30	TB30-W1	-	J14
18VIM-002	-	P14	SENSOR STEERING PRESSURE	SPS
18VIM-003	-	J16	TB30	TB30-W2
18VIM-004	-	P16	SENSOR HOIST PRESSURE #1	HPS1
18VIM-005	-	J16	TB30	TB30-W2
18VIM-006	-	P16	SENSOR HOIST PRESSURE #2	HPS2
18VIM-007	-	P240	TB30	TB30-W4
18VIM-008	SENSOR BRAKE PR...	BPS	-	J240
21NSL-000	ENGINE QSK60 IN...	P805	-	J808
21NSL-001	-	P808	TB27	TB27-E1
21NSL-002	ENGINE QSK60 IN...	P805-	-	J808-
21NSL-003	TB27	TB27-E2	INTERFACE MODULE	IM3
21NSL-004	TB27	TB27-E4	R51	R51
21OR-000	ENGINE QSK60 IN...	P805	-	J808
21OR-001	-	P808	TB27	TB27-K1
21OR-002	-	J11	TB27	TB27-K3
21OR-005	-	J12	TB27	TB27-K3
21OR-006	-	P12	-	P504_CP
21ORR-000	ENGINE QSK60 IN...	P805	-	J808
21ORR-001	-	P808	TB27	TB27-L1
21ORR-003	-	J11	TB27	TB27-L3
21ORR-005	-	J12	TB27	TB27-L3
21ORR-006	-	P12	-	P504_CP
21PL-000	RELAY ENGINE PR...	P800	RELAY ENGINE PRELUBE MAG SWITC...	PLMS-(+)
21PL-001	D87	D87	RELAY ENGINE PRELUBE MAG SWITC...	PLMS-(+)
21PS-000	VEC-91	VEC91-P3	TB28	TB28-H1
21PS-001	TB28	TB28-H2	-	P801
21PS-002	-	J801	-	J815
21PS-003	SP108	-	-	P815
21PS-004	SWITCH ENGINE P...	PLPSW	SP108	-
21PS-005	SP108	-	RELAY ENGINE PRELUBE	P800
21PS-006	-	J801-	-	J815-
21PT-000	-	P12	RELAY ENG STARTER 1 (ESREL1)	ESREL1-86
21PT-001	-	J12	TB28	TB28-J1
21PT-002	-	J801	-	J815
21PT-003	SWITCH ENGINE P...	PLPSW	SP107	-
21PT-004	SP107	-	RELAY ENGINE PRELUBE	P800
21PT-005	SP107	-	RELAY ENGINE PRELUBE	P800
21PT-006	-	P815	SP107	-
21PT-007	-	P801	TB28	TB28-J3
21PT-009	RELAY ENG START...	ESREL1-86	RELAY ENG STARTER 2 (ESREL2)	ESREL2-86
21PT-010	INTERFACE MODUL...	IM3	TB28	TB28-J1
21PT-011	-	J801-	-	J815-
21PT-012	D87	D87	SP107	-
21S-000	SWITCH KEY (KEY...	KEYSW-C	-	J03
21S-001	-	P03	TB22	TB22-H1
21S-002	TB22	TB22-H4	VEC-91	VEC91-P2
21S-003	TB22	TB22-H2	INTERFACE MODULE	IM2
21SL-000	VEC-91	VEC91-P4	INTERFACE MODULE	IM1
22C-000	JB41	JB41	SWITCH A/C RECIEVER DRYER T2	RECDR
22C-001	JB41	JB41	-	J808
22C-002	ENGINE QSK60 IN...	P806	JB41	JB41
22C-003	ENGINE QSK60 IN...	P806	JB41	JB41
22C-005	-	P808	TB27	TB27-G1
22C-006	-	J808-	JB41-	JB41-
22C-007	SWITCH A/C RECI...	RECDR-T1	JB41-	JB41-
22C-008	JB41-	JB41-	ENGINE QSK60 INTERFACE TIER I	P806-
22C-009	JB41-	JB41-	ENGINE QSK60 INTERFACE TIER I	P805-
22FO-000	ENGINE QSK60 IN...	P806	-	J808
22FO-001	-	P808	TB31	TB31-X1
22FO-002	ENGINE QSK60 IN...	P806-	-	J808-
23F-000	-	J702	TB22	TB22-L1
23F-001	TB22	TB22-L2	-	P02
23F-002	-	J02	SWITCH CAB SECONDARY ENGINE SH...	ESS_1-3
23FA-000	VEC-90	VEC90-P4	-	J702
24SON-000	JB4D	JB4D	SONALERT (SONA)	SONA(+)
24SON-001	R16	R16	JB4D	JB4D
24SON-002	D9	D9	JB4D	JB4D
24SON-003	JB4D	JB4D	D10	D10
24VIM-000	INTERFACE MODUL...	IM1	TB32	TB32-H2
24VIM-001	TB32	TB32-H1	VEC-91	VEC91-P2
24VIM-002	TB32	TB32-H1	VEC-89	VEC89-P2
24VIM-004	ACTIA DASH DISP...	P902	-	J01
24VIM-005	TB32	TB32-G1	-	P01
24VIM-006	TB32	TB32-G4	-	P04
24VIM-007	D10	D10	-	J04
24VIM-008	TB32	TB32-H2	-	J14
24VIM-009	-	P14	SENSOR HYDRAULIC TANK LEVEL	P712
25A-000	RELAY ENG START...	ESREL1-88a	MOTOR STARTER 1 (STRT1)	STRT1-3
25B-000	RELAY ENG START...	ESREL2-88a	MOTOR STARTER 2 (STRT2)	STRT2-3
27LPR-000	ENGINE QSK60 IN...	P826	-	LP
27LPS-000	ENGINE QSK60 IN...	P826	-	LP
27WR-000	ENGINE QSK60 IN...	P826	-	WIF
27WS-000	ENGINE QSK60 IN...	P826	-	WIF
28E-000	VEC-91	VEC91-P12	-	J12
28E-001	-	P12	-	J542
28E-002	-	P542	-	ETHER1
28E-003	-	ETHER2-	SOLENOID ETHER START (OPT)	ESOL
28EC-000	VEC-91	VEC91-P12	TB27	TB27-H2
28EC-001	ENGINE QSK60 IN...	P805	-	J808
28EC-002	-	P808	TB27	TB27-H1
28EC-003	ENGINE QSK60 IN...	P806-	-	J808-
31HLM-000	INTERFACE MODUL...	IM1	TB34	TB34-N2
31IML-001	TB34	TB34-N1	-	P04
31IML-002	SONALERT (SONA)	SONA(-)	SP723	-
31IML-003	SP723	-	R16	R16
31IML-004	-	J04	SP723	-
31RR-000	-	J02	SWITCH RETARD SPEED CONTROL (R...	RSCS_2-1
31RR-001	-	P02	TB31	TB31-E2
31RR-002	GE CONTROL INTE...	P304	TB31	TB31-E1
33-000	-	J240	SWITCH PARK BRAKE SET	PBPSW
33-001	TB32	TB32-D2	-	P240
33-002	TB32	TB32-D1	INTERFACE MODULE	IM2
33BP-000	-	J240	SWITCH LOW BRAKE ACCUM PRESSUR...	LBPS
33BP-001	TB32	TB32-E2	-	P240
33BP-002	TB32	TB32-E1	INTERFACE MODULE	IM2
33BPS-000	INTERFACE MODUL...	IM3	TB30	TB30-M2
33BPS-001	-	P240	TB30	TB30-M1
33BPS-002	SENSOR BRAKE PR...	BPS	-	J240
33F-000	-	P14	SWITCH LOW STEERING PRESSURE	ACPSW
33F-001	-	J14	INTERFACE MODULE	IM2
33HP1-000	INTERFACE MODUL...	IM3	TB30	TB30-N1
33HP1-001	TB30	TB30-N1	-	J16

NAME	DEVICE FROM	CONN FROM	DEVICE TO	CONN TO
33HP1-002	SENSOR HOIST PR...	HPS1	-	P16
33HP2-000	TB28	TB28-K1	INTERFACE MODULE	IM3
33HP2-001	-	J16	TB28	TB28-K1
33HP2-002	-	P16	SENSOR HOIST PRESSURE #2	HPS2
33J-000	SP800	-	-	J14
33J-001	SP184	-	-	P14
33J-002	SOLENOID STEERI...	ACCBD	SP184	-
33J-003	D26	D26	SP184	-
33J-004	SP800	-	VEC-89	VEC89-P1
33J-005	SP800	-	R2	R2
33JA-000	-	P14	SWITCH STEERING BLEED PRESSURE	SABS
33JA-001	-	J14	INTERFACE MODULE	IM2
33JB-000	INTERFACE MODUL...	IM1	TB30	TB30-D1
33JB-001	TB30	TB30-D4	-	J14
33JB-002	-	P14	SP183	-
33JB-003	SOLENOID STEERI...	ACCBD	SP183	-
33JB-004	D26	D26	SP183	-
33JB-005	R19	R19	TB30	TB30-D2
33LF-000	-	P13	SENSOR LEFT FRONT WHEEL SPEED	P507
33LF-001	TB33	TB33-R2	-	J13
33LF-002	TB33	TB33-R1	GE CONTROL INTERFACE	P301
33LF-003	TB33	TB33-R4	-	P57_CP
33PG-000	-	J15	-	J702
33PG-001	-	P15	-	RRBPS_CP
33PG-002	-	J15	-	J702
33PG-003	-	P15	-	LRBPS_CP
33PLR-000	-	J15	-	J702
33PLR-001	-	P15	-	LRBPS_CP
33PRR-000	-	J15	-	J702
33PRR-001	-	P15	-	RRBPS_CP
33RF-000	-	P13	SENSOR RIGHT FRONT WHEEL SPEED	P501
33RF-001	-	J13	TB33	TB33-L2
33RF-002	GE CONTROL INTE...	P301	TB33	TB33-L1
33RF-003	TB33	TB33-L4	-	P56_CP
33RR-000	-	J02	SWITCH RETARD SPEED CONTROL (R...	RSCS_1-2
33RR-001	SWITCH RETARD S...	RSCS_1-2	SWITCH RETARD SPEED CONTROL (R...	RSCS_1-4
33RR-002	-	P02	TB31	TB31-F2
33RR-003	GE CONTROL INTE...	P303	TB31	TB31-F1
33RS-000	RETARD SPEED CO...	RSP	SWITCH RETARD SPEED CONTROL (R...	RSCS_1-1
33SBA-000	TB25	TB25-W1	GE CONTROL INTERFACE	P305
33SBA-001	TB25	TB25-W2	-	P03
33SBA-002	-	J03	SWITCH BRAKE TEST	P37
33SBA-003	SWITCH BRAKE TE...	P37	SWITCH BRAKE TEST	P37
33SP-000	INTERFACE MODUL...	IM3	TB30	TB30-T1
33SP-001	TB30	TB30-T1	-	J14
33SP-002	-	P14	SENSOR STEERING PRESSURE	SPS
33T-000	-	J240	SWITCH SERVICE BRAKE DEGRADE P...	BDS
33T-001	TB32	TB32-F2	-	P240
33T-002	TB32	TB32-F1	INTERFACE MODULE	IM2
34AT-000	SENSOR DUCT AIR...	ATS	-	P14
34AT-001	-	J14	TB30	TB30-J2
34AT-002	TB30	TB30-J1	INTERFACE MODULE	IM3
34BT1-000	TB30	TB30-G2	-	J14
34BT1-001	TB30	TB30-G1	INTERFACE MODULE	IM3
34BT2-000	TB30	TB30-H2	-	J14
34BT2-001	TB30	TB30-H1	INTERFACE MODULE	IM3
34BT3-000	-	J14	TB30	TB30-C2
34BT3-001	TB30	TB30-C1	INTERFACE MODULE	IM3
34BT4-000	SENSOR HYDRAULI...	P711	-	P14
34BT4-001	-	J14	TB30	TB30-A2
34BT4-002	TB30	TB30-A1	INTERFACE MODULE	IM3
34LL-001	INTERFACE MODUL...	IM2	-	J14
34LL-002	-	P14	SENSOR HYDRAULIC TANK LEVEL	P712
35L2-000	PAY LOAD METER ...	P264	TB36	TB36-L1
35L2-001	-	J362	TB36	TB36-L2
35L2-002	TB36	TB36-L4	-	P02
35L2-003	-	J02	-	DIAG7
35L3-000	PAY LOAD METER ...	P264	TB36	TB36-M1
35L3-001	-	J362	TB36	TB36-M2
35L3-002	TB36	TB36-M4	-	P02
35L3-003	-	J02	-	DIAG7
35L4-000	PAY LOAD METER ...	P264	TB36	TB36-N1
35L4-001	-	J362	TB36	TB36-N2
35L4-002	TB36	TB36-N4	-	P02
35L4-003	-	J02	-	DIAG7
35L7-000	PAY LOAD METER ...	P264	TB36	TB36-R1
35L7-001	SCORE BOARD LEF...	CNLIN	TB36	TB36-R2
35L8-000	PAY LOAD METER ...	P264	TB36	TB36-S1
35L8-001	SCORE BOARD LEF...	CNLIN	TB36	TB36-S2
35L9-000	PAY LOAD METER ...	P264	TB36	TB36-T1
35L9-001	SCORE BOARD LEF...	CNLIN	TB36	TB36-T2
35L10-000	SCORE BOARD RIG...	CNRIN	SCORE BOARD LEFT (OPT)	CNLO
36-000	-	J801	SWITCH ENGINE RUN OIL PRESSURE...	EOPSW2-1
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36-003	-	J801-	SWITCH ENGINE RUN OIL PRESSURE...	EOPSW1-1
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38G-000	TB35	TB35-C1	INTERFACE MODULE	IM3
38G-001	TB35	TB35-C4	-	J16
38G-002	R15	R15	TB35	TB35-C2
38G-003	-	P16	-	J730
38G-004	SENSOR FUEL LEV...	FLS	-	P730
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39A-001	VEC-90	VEC90-P2	TB34	TB34-S2
39AA-000	VEC-90	VEC90-P3	TB23	TB23-C1
39AA-001	TB23	TB23-C1	-	J11
39AA-002	-	P11	-	J541
39AA-004	-	P541	-	P502
39AA-005	-	J502	LAMP RED PAYLOAD RIGHT	RPLR
39AA-006	TB23	TB23-C1	-	J12
39AA-007	-	P12	-	J540
39AA-008	-	P540	-	P503
39AA-009	-	J503	LAMP RED PAYLOAD LEFT	LPLR
39AP-000	-	J16	-	J702
39AP-001	-	P16	-	J730
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39AP-003	-	J702	-	J14
39AP-004	-	P14	-	ATFS_CP
39B-000	PAY LOAD METER ...	P264	TB34	TB34-R1
39B-001	VEC-90	VEC90-P2	TB34	TB34-R2
39BA-000	VEC-90	VEC90-P2	TB23	TB23-D1
39BA-001	TB23	TB23-D1	-	J11
39BA-002	-	P11	-	J541
39BA-004	-	P541	-	P502
39BA-005	-	J502	LAMP AMBER PAYLOAD RIGHT	RPLA
39BA-006	TB23	TB23-D1	-	J12
39BA-007	-	P12	-	J540
39BA-008	-	P540	-	P503
39BA-009	-	J503	LAMP AMBER PAYLOAD LEFT	LPLA
39C-000	PAY LOAD METER ...	P264	TB34	TB34-P1
39C-001	VEC-90	VEC90-P2	TB34	TB34-P2
39CA-000	VEC-90	VEC90-P2	TB23	TB23-E1
39CA-001	TB23	TB23-E1	-	J11
39CA-002	-	P11	-	J541
39CA-004	-	P541	-	P502
39CA-005	-	J502	LAMP GREEN PAYLOAD RIGHT	RPLG
39CA-006	TB23	TB23-E1	-	J12
39CA-007	-	P12	-	J540
39CA-008	-	P540	-	P503
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39F-000	PAY LOAD METER ...	P264	TB36	TB36-C2
39F-001	TB36	TB36-C1	-	J13
39F-002	TB36	TB36-C1	-	J13
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39F-011	-	P16	TB61	TB61-F2
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39FA-002	-	P16	TB61	TB61-G2
39FA-004	SENSOR PAYLOAD ...	P153	TB61	TB61-G1
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39FB-001	TB36	TB36-D1	-	J16
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39FB-003	SENSOR PAYLOAD ...	P152	TB61	TB61-H1
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39FC-001	TB36	TB36-A1	-	J13
39FC-003	-	P13	SENSOR PAYLOAD PRESSURE RIGHT ...	P150
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41H-002	TB34	TB34-B2	RELAY HIGH BEAM HEADLIGHT (HBH...	HBHR-86
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41HB-002	-	J12	TB34	TB34-F2
41HB-003	-	J11	TB34	TB34-F4
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41T-002	TB35	TB35-B4	-	J11
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41T-009	-	P541	-	P502
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41T-011	SP146	-	LAMP MARKER/TURN RIGHT FRT DEC...	RCL1
41T-012	SP146	-	LAMP MARKER/TURN RIGHT SIDE DE...	RCL2
41T-013	TB35	TB35-B4	-	J14
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41T-017	SP149	-	-	P731_CP
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