

COLOR	NUMBER	AWG	CIRCUIT # LEGEND	FUNCTION DESCRIPTION
	1	16	1 AIR SYS #1	AIR SYS #1 WARNING LIGHT TO SWITCH
	2	16	2 AIR SYS #2	AIR SYS #2 WARNING LIGHT TO SWITCH
	3	12	3 REGULATOR NEG	ALTERNATOR NEG TO REGULATOR NEG
	4	12	4 FIELD POS	ALT FIELD POS TO REG & RELAY POS
	5	14	5 FIELDS NEG	ALT FIELD NEG TO REG NEG
	6	16	6 COOL TEMP LIGHT	TEMP WARNING LIGHT TO SWITCH - ENG COOLANT
	7	16	7 OIL PRESS LIGHT	OIL WARNING LIGHT TO SWITCH - ENG PRESSURE
	8	14	8 BRAKE BUFFER	VIM TO ENGINE BRAKE RELAY
	8A	14	8A BRAKE BUFFER	STOP LIGHT RELAY TO ENGINE BRAKE CONTROL SWITCH
	9	14	9 ENGINE SHUTDOWN	ENGINE SHUTDOWN SWITCH TO SOLENOID (DETROIT DIESEL)
GREEN	10	14	10 TURN & STOP R	TURN & STOP RIGHT REAR
YELLOW	11	14	11 TURN & STOP L	TURN & STOP LEFT REAR
BLUE	12	14	12 RIGHT TURN F	TURN RIGHT - FRONT
WHITE	13	14	13 LEFT TURN F	TURN LEFT - FRONT
	14	14	14 GROUND (-)	COMMON GROUND
	14 (M)	12	14 GROUND (-)	COMMON GROUND
	14 (L)	10	14 GROUND (-)	COMMON GROUND
	15	16	15 ENG OIL GAUGE	OIL GAUGE TO SENDER - ENG PRESSURE
	16	16	16 FUEL GAUGE SENDER	FUEL GAUGE TO TANK SENDER
	17	16	17 COOL TEMP GAUGE	WATER TEMP GAUGE TO SENDER - ENG COOLANT
BROWN	18	14	18 TAIL (ID) LIGHT	TAIL & MARKER LAMPS
	19	14	19 STARTER FEED	STARTER BUT FEED (AUTO FROM NEUTRAL SAFETY SWITCH)
	20	14	20 START SOL L	STARTER #1 BUTTON TO SOL #1
	21	14	21 START SOL R	STARTER #2 BUTTON TO SOL #2
BLUE	22	14	22 BACK UP	BACK UP LIGHT & ALARM
BLUE	22A	14	22A BACK UP	BACK UP POWER TO VIM RELAY
BLUE	22B	14	22B BACK UP	VIM RELAY TO BACK UP LIGHT & ALARM
	23	16	23 SPEEDO NEG	SPEEDOMETER - NEG FROM SENDER (BLACK)
	24	16	24 SPEEDO POS	SPEEDOMETER - POS FROM SENDER (WHITE)
	23T	16	23T TEL. SPEEDO (-)	SPEEDOMETER SIGNAL NEG FROM SENDER TO TELMA CONTROL MODULE
	24T	16	24T TEL. SPEEDO (+)	SPEEDOMETER SIGNAL POS FROM SENDER TO TELMA CONTROL MODULE
	25	14	25 TACH GROUND	TACHOMETER FEED FROM SENDER NEG
	26	14	26 TACH SIGNAL	TACHOMETER FEED FROM SENDER SIGNAL
RED	27	14	27 STOP SWITCH FEED	STOP LIGHTS - FEED TO COLUMN
RED	27A	14	27A STOP SWITCH FEED	BREAKER TO STOP RELAY & BRAKE PRESS SW
RED	27B	14	27B STOP SWITCH FEED	BRAKE PRESSURE SWITCH TO RELAY
RED	27C	14	27C STOP SWITCH FEED	STOP LIGHT RELAY TO COLUMN
	28	14	28 IGN TO REG	ALTERNATOR RELAY - FEED POWER SWITCHED
	29	14	29 EXTRA LAMP	CAB TO REAR FOR SEPARATE STOP TURN LAMPS
	30	14	30 EXTRA LAMP	CAB TO REAR SEPARATE STOP TURN LAMPS
	31	14	31 INSTRUMENT LAMP	INST (OFF DIMMER SD HD LT SWIT) DASH INST LAMPS
	32	16	32 TRANS TEMP GAUGE	TRANS TEMP GAUGE TO SENDER
	33	16	33 TRANS PRES GAUGE	TRANS OIL PRESSURE GAUGE TO SENDER
	34	16	34 VOLTMETER	VOLT METER FEED FROM LIVE FUSE BLOCK
	35	12	35 FUEL SOL	FUEL SOL - ACC FUSE BLOCK OR IGN SWIT (CUMM OR CAT ENG)
ORANGE	36	12	36 HEATER HIGH	HEATER - HIGH SPEED SWITCH TO FAN
RED	37	12	37 HEATER LOW	HEATER - LOW SPEED SWITCH TO FAN
	38	14	38 DEFROSTER HI	DEFROSTER - HIGH SPEED
	39	14	39 DEFROSTER LOW	DEFROSTER - LOW SPEED
	40	14	40 INST POWER	INSTRUMENT FEED
	41	14	41 BEACON LEFT	BEACON - ROOF TO SWITCH
	42	14	42 HORN - POWER	HORN - FEED POWER
	43	14	43 TO HORN	HORN - RELAY TO HORN
VIOLET	44	14	44 HORN BUTTON	HORN GROUND - RELAY TO BUTTON
	45	14	45 FLASHER POWER	TURN - FLASHER FEED POWER FROM LIVE FUSE BLOCK
	46	14	46 HEADLAMP POWER	HEADLIGHT - FEED POWER (LIVE FUSE BLOCK)
	47	12	47 HTR DEFRT POWER	HEATER & DEFROSTER - FEED POWER
	48	14	48 ENG BRAKE POWER	JACOBS ENGINE BRAKE FEED POWER
	48A	14	48A ENG BRAKE POWER	JACOBS ENGINE BRAKE FEED POWER TO SWITCH
	48B	14	48B ENG BRAKE POWER	SWITCH TO RETARDER RELAY
	48D	14	48D ENG BRAKE POWER	JACOBS ENGINE BRAKE FEED POWER FROM BREAKER
	48T	16	48T. TEL POWER	ROCKER SWITCH TO TELMA CONTROL MODULE
	49	14	49 TAIL POWER	TAIL & INST FEED POWER HEADLIGHT SWITCH
	50	14	50 WIPER POWER	WIPER FEED POWER (W/ ELECTRIC)
	51	16	51 WASHER	POWER FROM SWITCH TO WASHER BOTTLE
	52	14	52 DOME LIGHT POWER	DOME LIGHT FEED FROM HEADLIGHT SWITCH

COLOR	NUMBER	AWG	CIRCUIT # LEGEND	FUNCTION DESCRIPTION
	52 (M)	12	52 DOME LIGHT POWER	DOME LIGHT FEED FROM BREAKER
	52A	10	52A DOME LIGHT POWER	DOME LIGHT FEED FROM BREAKER TO OFFICER SIDE
	53	14	53 DOME LIGHT GROUND	DOME LIGHT GROUND CIRCUIT THRU HEADLIGHT SWITCH
BLACK	54	14	54 AMMETER NEG	AMMETER SHUNT WIRE NEG
WHITE	55	14	55 AMMETER POS	AMMETER SHUNT WIRE POS
	56	14	56 IGNITION TO REG	POWER TO ALTERNATOR RELAY FROM IGNITION SWITCH
	57	16	57 BUFFER TO LIGHT	JACOBS ENG BRAKE BUFFER SWIT TO BRAKE LT RELAY
	58	14	58 POWER NEU SAF	NEUTRAL SAFETY SWITCH FEED FROM BUSS BAR (AUTOMATIC)
	59	1	59 ALT OUTPUT	ALT POS FEED TO CAB BATT SELECTOR SWIT OR SHUNT
	60	1	60 BAT #1 SWIT	SOL #1 TO BATTERY SELECTOR SWITCH, ISOLATOR OR SHUNT
	61	1	61 BAT #2 SWIT	SOL #2 TO BATTERY SELECTOR SWITCH, ISOLATOR OR SHUNT
	62	1	62 CAB FEED	FEED - BATTERY SEL SWIT OR SHUNT TO IGN SW OR ACC RELAY
	62 (M)	8	62 CAB FEED	FEED - BATTERY SEL SWIT OR SHUNT TO IGN SW OR ACC RELAY
	62 (S)	14	62 CAB FEED	FEED - BATTERY SEL SWIT OR SHUNT TO IGN SW OR ACC RELAY
	63	1	63 IGN PWR	MASTER SW TO ACCESSORIES
	63 (M)	8	63 IGN PWR	MASTER SW TO ACCESSORIES
	63 (S)	14	63 IGN PWR	MASTER SW TO ACCESSORIES
	64	16	64 BATTERY PILOT	BATTERY ON PILOT LIGHT FEED
	65	14	65 STOP POWER	ENG STOP - FEED POWER (DET DIESEL) LIVE FUSE BLOCK
	66	6	66 ACC PWR	IGNITION SW TO ACCESSORIES
	66 (M)	8	66 ACC PWR	IGNITION SW TO ACCESSORIES
	66 (S)	14	66 ACC PWR	IGNITION SW TO ACCESSORIES
	67	14	67 HEADLIGHT POWER	HEADLIGHT FEED - SWITCH TO DIMMER SWITCH
	68	14	68 HIGH BEAM	HIGH BEAM - HEADLIGHT FROM DIMMER SWITCH
	69	14	69 LOW BEAM	LOW BEAM - HEADLIGHT FROM DIMMER SWITCH
	70	3 - 0	70 STARTER MOTOR	STARTER MOTOR FEED FROM SOLENOID
BLACK	71	14	71 FLASHER TO COLUMN	FLASHER FEED TO STEERING COLUMN
RED	72	16	72 FRT MOD POWER	FEED POWER TO FRONT BRAKE MODULATOR
RED	73	16	73 REAR MOD POWER	FEED POWER TO REAR BRAKE MODULATOR
GREEN	74	16	74 FRONT MOD LIGHT	FRONT BRAKE MODULATOR TO ANTI - LOCK LIGHT
GREEN	75	16	75 REAR MOD LIGHT	REAR BRAKE MODULATOR TO ANTI - LOCK LIGHT
	76	16	76 COOL TEMP GA	* ENGINE WATER TEMP
	77	16	77 ENGINE OIL GAUGE	* ENGINE OIL PRESSURE
	78	16	78 TACH GROUND	* TACH FEED FROM SENDER GROUND
	79	16	79 TACH SIGNAL	* TACH FEED FROM SENDER SIGNAL
	80	14	80 PANEL LIGHT	* PANEL 3 WAY SWITCH
	81	14	81 PANEL LIGHT	* PANEL 3 WAY SWITCH
	82	14	82 GAUGE POWER	* PUMP PNL PWR FEED OIL GA, COOLANT FA, WAT LEVEL & TACH
	83	14	83 CABINET LIGHT	* CABINET LIGHTS
	84	16	84 DOOR WARNING	* DOOR - OPEN WARNING (MUST BE ON PURCHASE ORDER)
	85	16	85 REAR BUZZER	* TAIL BD BUZZER
	86	14	86 WARNING R RR	* REAR BUNKER WARNING LIGHTS
	87	14	87 WARNING L RR	* REAR BUNKER WARNING LIGHTS
	88	14	88 SPOT LIGHT REAR	* REAR SPOT LAMPS
BLACK	89	14	89 WIPER PARK L	WIPER PARK LEFT BOSCH COLOR
GREEN	90	14	90 WIPER LOW L	WIPER LOW LEFT BOSCH COLOR
RED	91	14	91 LEFT WIPER HI	WIPER HI LEFT BOSCH COLOR
BLACK	92	14	92 RIGHT WIPER PARK	WIPER PARK RIGHT BOSCH COLOR
GREEN	93	14	93 RIGHT WIPER LOW	WIPER LOW RIGHT BOSCH COLOR
RED	94	14	94 RIGHT WIPER HI	WIPER HI RIGHT BOSCH COLOR
	95	14	95 MOD POWER	WHEEL LOCK CONTROL POWER TO CIRCUIT BREAKER
	96	16	96 MONITOR POWER	ANTILOCK LIGHT & MONITOR FEED FROM CIRCUIT BREAKER
	97	1	97 ISOLATOR TO SHUNT	SHUNT TO BATTERY SEL SWITCH #1 OR ISOLATOR
	98	16	98 TACH GROUND	MAIN HARNESS PUMP TACH (W/O PUMPER HARNESS)
	99	16	99 TACH SIGNAL	MAIN HARNESS PUMP TACH (W/O PUMPER HARNESS)
	100	14	100 CLUTCH POWER	ACC FUSE BLOCK TO HORTON FAN CLUTCH
	101	14	101 CLUTCH SWITCH	HORTON FAN SWITCH & PRESSURE SWITCH TO FAN
	102	16	102 FAN LIGHT	HORTON FAN PRESSURE SWITCH TO INDICATOR LIGHT
	103	16	103 TRANS TEMP GAUGE	* TRANS TEMP W/ALLISON TRANS SENDER TO GAUGE
	104	14	104 PRIMER POWER	FUEL PRIMER ACC FUSE BLOCK TO SWITCH
	105	14	105 FUEL PUMP	FUEL PRIMER SWITCH TO FUEL PUMP
	106	16	106 LEVEL TEST	OIL LEVEL (ROBERT SHAW) PAN TEST TO BUTTON
	107	16	107 LEVEL SIGNAL	OIL LEVEL (ROBERT SHAW) PAN SIGNAL TO TEST LIGHT
	108	16	108 LEVEL POWER	OIL LEVEL (ROBERT SHAW) FEED POWER TO PAN POS & OIL LIGHT
	109	14	109 FRONT WARNING	FRT WARNING LAMP FEED ACC FUSE BLOCK TO SWIT & FLASH
	109A	14	109A FRT WARN SW	FRONT WARNING SWITCH TO RELAY
	110	14	110 RIGHT WARN LIGHT	FLASHER TO RIGHT FRONT WARNING LIGHT

( ) GAUGE KEY

\* OPT - PUMPER HARNESS

COLOR	NUMBER	AWG	CIRCUIT # LEGEND	FUNCTION DESCRIPTION
	111	14	111 LEFT WARN LIGHT	FLASHER TO LEFT FRONT WARNING LIGHT
	112	16	112 ENG OIL TEMP GA	ENGINE OIL TEMP GAUGE TO SENDER
	113	16	113 SPEEDO POWER	TWO SPEED SPEEDOMETER BREAKER TO SWITCH
	114	16	114 SPEEDO	TWO SPEED SPEEDOMETER SWITCH TO ADAPTER
	115	1	115 ISOLATOR TO SHUNT	SHUNT TO ISOLATOR BATTERY SYSTEM #2
	116	16	116 AIRHORN SOLENOID	AIRHORN SOLENOID FROM HORN RELAY
	117	16	117 RIGHT HORN SWIT	RIGHT HAND HORN SWITCH FEED POWER FROM RELAY
	118	16	118 RIGHT HORN SWIT	RIGHT HAND SWITCH TO HORNS
	119	1	119 ISOLATOR BAT #1	BATTERY ISOLATOR #1 TO BATTERY SWITCH #1
	120	1	120 ISOLATOR BAT #2	BATTERY ISOLATOR #2 TO BATTERY SWITCH #2
	121	3 - 0	121 SOL #1 & SOL #2	SOLENOID #1 TO SOLENOID #2
	122	3 - 0	122 BAT #1 POS	BATTERY #1 TO SOLENOID #1
	123	3 - 0	123 BAT #2 POS	BATTERY #2 TO SOLENOID #2
	124	16	124 IGNITION POWER	IGNITION FEED TO MODULE & COIL (FORD)
WHITE	125	16	125 MODULE START	IGNITION START MODE FROM SOLENOID (FORD)
	126	16	126 FUEL SWIT POWER	FUEL PUMP FEED ACC FUSE BLOCK TO SAFETY SWITCH
	127	16	127 FUEL PUMP	FUEL PUMP SAFETY SWITCH TO FUEL PUMP
	128	16	128 PRIMER SWITCH	FUEL PRIMER SWITCH TO FUEL PUMP SAFETY SWITCH
	129	16	129 AIR DRYER	B.W. AIR DRYER HEATER FEED FROM ACC FUSE BLOCK
RED	130	16	130 REAR MOD POWER	BRAKE MODULATOR TANDEM REAR FEED POWER
GREEN	131	16	131 REAR MOD POWER	BRAKE MODULATOR TO ANTILOCK LIGHT TANDEM REAR
	132	1	132 START SOLENOID	STARTER SOLENOID TO STARTER RELAY SOLENOID
	133	14	133 IGNITION BATTERY	FEED FROM IGNITION ACCESS RELAY TO IGNITION SWITCH
	134	14	134 IGNITION RELAY	IGNITION SWITCH ACC TO IGNITION ACC RELAY
	135	14	135 START SAFETY SWIT	IGNITION SWIT START TO NEUTRAL SAFETY SWIT OR RELAY
	136	14	136 SAFETY SWIT RELAY	NEUTRAL SAFETY SWITCH TO STARTER RELAY
	137	14	137 START RELAY	STARTER RELAY TO STARTER SOLENOID
	138	14	138 LIGHT RELAY POWER	JACOBS ENGINE BRAKE LIGHT RELAY TO #27 FUSE BLOCK
	139	14	139 BRAKE UNITS	JACOBS ENGINE BRAKE BUFFER SWITCH TO BRAKE UNITS
	140	16	140 PARK BRAKE LIGHT	PARK BRAKE LAMP TO PARK VALVE SWITCH
	141	16	141 PARK FLASHER	PARK BRAKE LAMP FROM FLASHER
	142	16	142 PARK FLASHER POWER	PARK BRAKE FLASHER FROM ACC FUSE BLOCK
BLACK	143	14	143 MOIST EJECT	HEATER MOISTURE EJECTOR FROM ACC FUSE BLOCK
BLACK	143 (L)	10	143 MOIST EJECT	HEATER MOISTURE EJECTOR FROM ACC FUSE BLOCK
	144	14	144 RT LOW WARN MIGHT	FLASHER TO RIGHT FRONT LOWER WARNING LAMP
	145	14	145 LEFT LOW WARN LT	FLASHER TO LEFT FRONT LOWER WARNING LAMP
	146	1	146 B BAT #2 POS	DUVAC #4 TERM TO "B" BATTERY POS (24V DUAL START)
	147	1	147 A BAT POS	DUVAC #1 TERM TO "A" BATTERY POS (24V SINGLE START)
	148	1	148 B BAT #1 POS	DUVAC #2 TERM TO "B" BATTERY POS (24V START)
	149	3 - 0	149 A POS - B NEG	"A" BATTERY POS TO "B" BATTERY NEG (24V START)
	150	14	150 ENGINE LIGHTS	ENGINE POWER LAMPS FROM LIVE FUSE BLOCK
	151	14	151 LEFT BRAKE	JACOBS ENGINE BRAKE SWITCH TO LEFT HEAD
	152	14	152 RIGHT BRAKE	JACOBS ENGINE BRAKE SWITCH TO RIGHT HEAD
	153	14	153 TRANS POWER SWIT	JACOBS ENGINE BRAKE LOCK UP SWITCH TO BUFFER SWITCH
	154	14	154 DIFF LOCK LIGHT	DIFFERENTIAL LOCK LAMP TO SWITCH
	155	8	155 SIREN POWER	SIREN POWER FEED TO SWITCH
	156	8	156 SIREN	SIREN POWER FEED FROM SWITCH
	157	14	157 BRAKE SWIT POWER	SIREN BRAKE SWITCH FEED
	158	14	158 SIREN BRAKE	SIREN BRAKE SWITCH TO SIREN BRAKE
	159	12	159 888 POWER	MARS 888 FUSE BLOCK TO SWITCH
	160	12	160 888 LIGHT	MARS 888 SWITCH TO LAMP AMS
	161	14	161 ALT LIGHT POWER	ALTERNATING HIGH BEAM FLASHER FEED
	162	14	162 RT LIGHT FLASHER	ALTERNATING HIGH BEAM RIGHT FLASHER TO SWITCH
	163	14	163 LEFT LIGHT FLASH	ALTERNATING HIGH BEAM LEFT FLASHER TO SWITCH
	164	14	164 WARN LIGHT SWIT	ALTERNATING HIGH BEAM RIGHT SWIT TO INNER LAMP
	164A	14	164A WARN LIGHT SW	ALT HIGH BEAM SWITCH TO RELAY
	165	14	165 WARN LIGHT SWIT	ALTERNATING HIGH BEAM LEFT SWIT TO INNER LAMP
	166	16	166 GLOVE BOX LIGHT	GLOVE BOX LAMP FROM LIVE FUSE BLOCK
	167	14	167 LIGHTER POWER	CIGAR LIGHTER FROM LIVE FUSE BLOCK
	168	14	168 FOG LIGHT RELAY	FOG LAMP SWITCH TO RELAY
	169	14	169 FOG LIGHT POWER	FOG LAMP RELAY FROM FUSE BLOCK
	170	14	170 FOG LIGHTS	FOG LAMP FEED FROM RELAY
BROWN	171	14	171 ID LIGHTS	MARKER (ID) ROOF LAMPS
	172	14	172 RELAY HORN SWIT	HORN RELAY TO HORN SIREN SWITCH
	173	14	173 SIREN POWER	SIREN BUTTON FEED FROM ACC FUSE BLOCK
	174	14	174 SIREN RELAY	SIREN RELAY TRIGGER FROM SIREN SWITCH
	175	14	175 MAP LIGHT POWER	MAP LIGHT FEED FROM ACC FUSE BLOCK

() GAUGE KEY

\* OPT - PUMPER HARNESS

COLOR	NUMBER	AWG	CIRCUIT # LEGEND	FUNCTION DESCRIPTION
	176	14	176 MAP LIGHT	MAP LIGHT SWITCH TO LAMP
	177	14	177 COURT / LAMP POW	COURTESY LAMP FEED FROM LIVE FUSE BLOCK
	178	14	178 RADIO POWER	RADIO FEED FROM IGNITION ACC TERMINAL
	179	4	179 PRIMER PUMP	PRIMER PUMP FEED FROM M - 705 (FIRE PUMP)
	180	14	180 HOUR METER SWIT	HOUR METER FROM ENGINE OIL PORT SWITCH
	181	14	181 OIL PRESSURE LIGHT	* ENGINE OIL PRESSURE WARNING LIGHT (PUMPER HARNESS)
	182	14	182 TRANS / TEMP LIGHT	* TRANS TEMP WARNING LIGHT (PUMPER HARNESS)
	183	8	183 BEACON R	BEACON - ROOF TO SWITCH
	184	14	184 LEFT SPOT LIGHT	SPOT LIGHT - CAB LEFT
	185	1	185 RIGHT SPOT LIGHT	SOPT LIGHT - CAB RIGHT
	186	14	186 TRANS / TEMP LIGHT	TRANS TEMP WARNING LIGHT TO TEMP SWITCH
ORANGE	187	12	187 BAT #1 CHARGE	BATTERY #1 CHARGE PLUG TO BATTERY #1 M - 705 SWITCH
ORANGE	188	12	188 BAT #2 CHARGE	BATTERY #2 CHARGE PLUG TO BATTERY #2 M - 705 SWITCH
	189	14	189 HORN RELAY SWIT	HORN - SIREN SWITCH HORN TERM TO RELAY GROUND
	190	14	190 MASTER SWIT POW	MASTER SWITCH FEED FROM CIRCUIT BREAKER
	191	14	191 MASTER SWIT SOLE	MASTER SWITCH TO MASTER RELAY SOLENOID
	192	14	192 FRT WARNING POW	FRONT WARNING LIGHTS BREAKER TO RELAY
	193	8	193 BEACON POWER	ROOF BEACON BREAKER TO RELAY
	194	14	194 REAR WARN POWER	REAR WARNING LIGHTS BREAKER TO SWITCH
	195	14	195 MODULE SWITCH C	KYSOR ALARM MODULE TO OIL SWITCH C
	196	14	196 STAT C SWIT NO	KYSOR COOLANT ALARM STAT C TO OIL SWITCH NO
	197	14	197 MODULE SWIT NC	KYSOR ALARM MODULE TO OIL SWITCH NC
	198	14	198 MODULE STAT NO	KYSOR ALARM MODULE TO COOLANT ALARM STAT NO
	199	14	199 MODULE STAT NC	KYSOR ALARM MODULE TO TRANSMISSION ALARM STAT NC
	200	14	200 BELL SWIT NC	KYSOR WARNING BELL TO OIL SWITCH NC
	201	14	201 MODULE - PROBE	KYSOR ALARM MODULE TO COOLANT PROBE
	202	14	202 STAT NO - NO	KYSOR COOLANT ALARM STAT NO TO TRANS OIL ALARM STAT NO
	203	14	203 BUZZER POWER	BUZZER POWER FROM BUZZER CRANK RELAY
	204	14	204 STAT NC - C	KYSOR COOLANT ALARM STAT NC TO TRANS OIL ALARM STST C
	205	14	205 T / CASE T / GAUGE	T - CASE TEMP GAUGE TO SENDER
	206	14	206 AXLE #1 T / GAUGE	AXLE #1 TEMP GAUGE TO SENDER
	207	14	207 AXLE #2 T / GAUGE	AXLE #2 TEMP GAUGE TO SENDER
	208	14	208 AXLE #3 T / GAUGE	AXLE #3 TEMP GAUGE TO SENDER
	209	14	209 POWER FILTER	ACC BREAKER TO RACOR FILTERS RELAY B2 TERMINAL
	210	14	210 POWER FILTER 1	CIRCUIT BREAKER TO RACOR FILTER #1 HOT THRU RELAY
	211	14	211 POWER FILTER 2	CIRCUIT BREAKER TO RACOR FILTER #2 HOT THRU RELAY
	212	14	212 POWER FILTER 3	CIRCUIT BREAKER TO RACOR FILTER #3 HOT THRU RELAY
	213	14	213 FUEL PRESSURE	FUEL PRESSURE GAUGE TO SENDER
	214	14	214 STEP LIGHTS	SWITCH TO STEP LIGHTS
	215	14	215 STEP LIGHT POWER	CIRCUIT BREAKER TO STEP LIGHT SWITCH
	216	14	216 FORWARD SOL	FORWARD SOLENOID FROM SWITCH
	217	14	217 REVERSE SOL	REVERSE SOLENOID FROM SWITCH
	218	14	218 FORW - REV POWER	FORWARD AND REVERSE SWITCH POWER
	219	14	219 DOME LIGHTS	SWITCH TO DOME LIGHTS
	220	14	220 FRONT AXLE	AXLE TO LIGHT TO "T" CASE SWITCH
YELLOW	221	12	221 HEATER MED	HEATER MED SWITCH TO FAN
	222	14	222 PTO SHIFT	SWITCH TO PTO VALVE
	223	14	223 A/C CLUTCH	AIR CONDITIONER TO FREON COMPRESSOR
	224	14	224 RIGHT SIDE WARN	WARNING LIGHT - FLASHER TO RIGHT CAB SIDE
	225	14	225 LEFT SIDE WARN	WARNING LIGHT - FLASHER TO LEFT CAB SIDE
	226	14	226 SIDE WARNING	SIDE WARNING LAMP SWITCH TO FLASHER
	226A	14	226A SIDE WARN SW	SIDE WARNING SWITCH TO RELAY
	227	14	227 AXLE SHIFT	TWO SPEED AXLE SWITCH TO AIR SOLENOID VALVE
	228	14	228 AXLE LIGHT FRONT	AXLE FRONT LOW RANGE SWITCH TO LIGHT
	229	14	229 AXLE LIGHT REAR	AXLE REAR LOW RANGE SWITCH TO LIGHT
	230	14	230 COAST SOLENOID	HYDROSTATIC DRIVE COAST RELAY SERVO DUMP SOL +
	231	14	231 EMER ST SOL	HYDROSTATIC BALANCE LINE SWITCH TO VALVE
	232	14	232 SIDE WARN POWER	SIDE WARNING LIGHTS BREAKER TO RELAY
	233	14	233 CHOKE POWER	CHOKE FEED FROM OIL PRESSURE SWITCH
	234	14	234 COOLER FAN	OIL COOLER DIODE TO FAN
	235	14	235 BEACON RELAY	BEACON SWITCH TO BEACON RELAY
	236	14	236 FUEL FILTER	FUEL RESTRICTING LAMP TO FILTER SWITCH
	237	14	237 BATTERY 1 VOLT	BATTERY NO. 1 VOLT METER RELAY FROM BATTERY SELCT SWIT
	238	14	238 BATTERY 2 VOLT	BATTERY NO. 2 VOLT METER RELAY FROM BATTERY SELCT SWIT
	239	14	239 ETHER VALVE	ETHER STARTING AID SWITCH TO ETHER VALVE
	240	14	240 ETHER SWITCH	ETHER STARTING AID SWITCH FEED FROM CRANK CIRCUIT
	241	14	241 NO. 3 BRAKE	JACOBS ENGINE BRAKE SWITCH TP HEAD NO. 3 CUMMINS INLINE

( ) GAUGE KEY

\* OPT - PUMPER HARNESS

COLOR	NUMBER	AWG	CIRCUIT # LEGEND	FUNCTION DESCRIPTION
	242	14	242 COOLER FAN POW	OIL COOLER BREAKER TO DIODE
	243	14	243 RELAY TAIL LIGHT	HEADLIGHT SWITCH TO TAIL & MARKER LIGHT RELAY
RED	244	14	244 LUBE PRESS	POWER DIVIDER LUBE OIL SWITCH TO WARNING LIGHT
GREEN	245	14	245 CLUTCH PRESS	POWER DIVIDER CLUTCH OIL SWITCH TO WARNING LIGHT
	246	14	246 BATTERY 1 LIGHT	M - 714 BATTERY 1 SWITCH TO DASH LIGHT
	247	14	247 BATTERY 2 LIGHT	M - 714 BATTERY 2 SWITCH TO DASH LIGHTS
	248	14	248 PTO SHIFT #2	SWITCH TO PTO VALVE (FOR SECOND PTO)
	249	14	249 ROAD SANDER	ROAD SANDER SWITCH TO SANDER MOTORS
RED	250	12	250 A/C POWER	CIRCUIT BREAKER TO AIR CONDITIONING UNIT
RED	251	12	251 A/C POWER	CIRCUIT BREAKER TO AIR CONDITIONING UNIT
RED	252	12	252 A/C RELAY POWER	CIRCUIT BREAKER TO CONDITIONING FAN RELAY
ORANGE	253	12	253 A/C FAN RELAY	RELAY TO CONDENSER FAN MOTOR
YELLOW	254	14	254 A/C SIGNAL	EVAPORATOR TO RELAY TO REAR CONDENSER
YELLOW	255	14	255 REAR A/C VALVE	REAR EVAPORATOR TO SOLENOID VALVE
RED	256	10	256 RADIO	ELECTRIC PANEL TO RADIO BOX
	257	14	257 LAMP TEST	CAB ALARM TO LAMP TEST GROUNDING SWITCH
	258	14	258 HI IDLE POWER	BREAKER TO SWITCH
	259	14	259 HI IDLE	SWITCH TO SOLENOID
	260	14	260 HEADLAMP POWER	DELCO SWITCH TO CIRCUIT BREAKER
	261	14	261 RELAY TAIL LIGHT	DELCO SWITCH TO RELAY
	262	14	262 HEADLAMP POWER	CENTER HEADLAMP CIRCUIT BREAKER TO SWITCH
	263	14	263 HEADLAMP POWER	CENTER HEADLAMP FROM SWITCH
	264	14	264 START FEED	START BUTTON FEED FROM DELCO SWITCH
	265	10	265 GLASS - P	HEATED GLASS ALTERNATOR TO GLASS
	266	14	266 GLASS THERM	HEATED GLASS SWITCH TO THERMSTAT
	267	14	267 GLASS RELAY	HEATED GLASS THERMOSTAT TO RELAY
	268	14	268 MODULE POWER	KYSOR SHUTDOWN MODULE TO ACC BREAKER BUSS BAR
	269	14	269 HEAT MIRROR POW	HEATED MIRROR BREAKER TO SWITCH
	270	14	270 HEATED MIRROR	HEATED MIRROR SWITCH TO MIRROR
	271	14	271 SHUTDOWN POWER	CIRCUIT BREAKER TO SWITCH
	272	14	272 SHUTDOWN	SWITCH TO SOLENOID
	273	14	273 ODOMETER	SENDER TO ODOMETER
RED	274	16	274 CRUISE POWER	BREAKER TO SWITCH
BROWN	275	16	275 CRUISE ON	SWITCH TO MODULE
GREEN	276	16	276 CRUISE SET	SWITCH TO MODULE
YELLOW	277	16	277 CRUISE RES	SWITCH TO MODULE
	278	14	278 CRUISE KILL	BRAKE SWITCH MODULE
	279	14	279 RET LIGHT	PRESSURE SWITCH TO LAMP
	280	14	280 STAT NO - NC	KYSOR COOLANT ALARM STAT NO TO OIL SWITCH NC
	281	14	281 RET. SOLENOID	MICRO SWITCH TO RETARDER SOLENOID
	282	14	282 FUEL RELAY	KYSOR MODULE TO FUEL SOLENOID RELAY
	283	14	283 DEFROST FAN	WINDSHIELD DEFROST FAN POWER @ HEATER
	284	14	284 BATTERY LIGHT	FORD VOLTAGE REGULATOR TO LIGHTS (LEECE NEVILLE ALT FEED)
	285	14	285 KYSOR POWER	KYSOR ALARM MODULE POWER
	286	14	286 RESISTOR TO COIL	RESISTOR TO COIL FORD ENGINE
	287	10	287 REAR HEATER POW	FEED POWER TO REAR HEATER(S)
	288	14	288 OIL TEMP SWIT	OIL TEMP SWITCH TO WARNING LIGHT
	289	14	289 E.M.W. POS.	SOLENOID TO EMISSION MAINT. WARN MODULE POS
	290	14	290 E.M.W. NEG.	SOLENOID TO EMISSION MAINT. WARN MODULE NEG
	291	14	291 SOLENOID TO LIGHT	SOLENOID TO LIGHT
	292	14	292 LIGHT TO EM WARN	LIGHT TO EMISSION MAINT WARN MODULE
	293	14	293 FLASHER FEED	SWITCHED BREAKER TO TURN SIGNAL FLASHER MODULE
	294	14	294 FLASHER TO SWIT	TURN SIGNAL FLASHER TO TURN SIGNAL SWITCH (MOTORHOME)
	295	14	295 AIR HEATER POW	8.2 AIR HEATER CONTROL POWER
	296	14	296 AIR HEATER LIGHT	8.2 AIR HEATER CONTROL TO ID LIGHT
	297	8	297 SOLENOID POWER	8.2 AIR HEATER SOLENOID TO STARTER POS
	298	14	298 KYSOR BELL	KYSOR ALARM CONT ALARM GROUND TO BELL
	299	14	299 KYSOR START	KYSOR ALARM CON START TERM TO CONT MOD START TERM
	300	14	300 KYSOR KEY	KYSOR ALARM CONT KEY YERM TO CONTROL MOD IGN TERM
	301	14	301 FAN POWER	RADIATOR FAN SWITCH TO SWITCHED BREAKER
	302	14	302 ALT OUTPUT	ALTERNATOR POS TO BATTERY POS OR SHUNT
	303	14	303 TRANS FILTER	TRANSMISSION PRESS DIFF SWITCH TO INDICATOR LIGHT
	304	14	304 KYSOR SHUTDOWN	BREAKER TO LOW COOL RELAY
	305	14	305 KYSOR SHUTDOWN	RELAY TO COOL LIGHT
	306	14	306 LOW COOL	NARTRON LOW COOL BUZZER & LIGHT
	307	14	307 ECU MEMORY	LIVE BATTERY POS TO ECU BREAKER
	308	14	308 REAR AXLE HI	REAR AXLE HI RANGE

( ) GAUGE KEY

\* OPT - PUMPER HARNESS

COLOR	NUMBER	AWG	CIRCUIT # LEGEND	FUNCTION DESCRIPTION
	309	14	309 REAR AXLE LOW	REAR AXLE LOW RANGE
	310	14	310 AUX FUEL SEND	AUX FUEL SENDER TO GAUGE
	311	14	311 TRANS MOD	RELAY TO SOLENOID DDEC II W/ HT740
	312	14	312 P - MODE SHIFT	PUMP MODE SHIFT POWER
	313	14	313 SHIFT SWIT FEED	CIRCUIT BREAKER TO AXLE RANGE SWITCH
	314	10	314 SHIFT POWER	CIRCUIT BREAKER TO AXLE SHIFT SOLENOIDS
	315	14	315 FAN RELAY	BREAKER TO FAN RELAY TRIGGER
	316	14	316 FAN SWITCH	FAN SOLENOID TO SWITCH
	317	14	317 RELAY TO SWITCH	PUMP / NEUTRAL TO HI IDLE SWITCH PTG - VS GOV
	318	14	318 SWITCH TO RELAY	HI IDLE SWITCH TO PARK BRAKE RELAY PTG - VS GOV
	319	14	319 RELAY TO SOLENOID	PARK BRAKE RELAY TO HI IDLE SOLENOID @ GOV
	320	14	320 RELAY TO SOLENOID	PARK BRAKE RELAY TO HI IDLE SOLENOID @ THROTTLE
	321	14	321 SWITCH TO LIGHT	PUMP ENGAGE SWITCH TO INDICATOR LIGHT
RED	322	10	322 BREAKER TO SWIT	BREAKER TO A/C HEATER - BLOWER SWITCH
D/ BLUE	323	14	323 SWITCH TO THER	A/C HEATER - BLOWER SWITCH TO THERMOSTAT
	324	14	324 FAN POWER	BREAKER TO DEFOG FAN
	325	14	325 LS LO WARN	FLASHER TO LEFT HAND SIDE LOWER WARNING LIGHT
	326	14	326 RS LO WARN	FLASHER TO RIGHT HAND SIDE LOWER WARNING LIGHT
	327	14	327 TILT SOLENOID	TILT RELAY TO SOLENOID
	328	14	328 TILT RELAY FEED	TILT RELAY TO SOLENOID
	329	14	329 TILT RELAY COIL	SWITCH BREAKER TO TILT RELAY COIL
	330	14	330 CLOCK POWER	CLOCK POWER LEAD TO BATTERY #1 TERM AT M705
	331	14	331 CLOCK DISPLAY	CLOCK DISPLAY LEAD TO LIVE CIRCUIT BREAKER
BLUE	332	14	332 WINDOW LIFT FRONT	SWITCH BREAKER TO SWITCH
BLUE	333	14	333 WINDOW LIFT REAR	SWITCH BREAKER TO SWITCH
ORANGE	334	12	334 HEATER MTR LOW	HEATER A/C COMBO SWITCH TO RESISTOR
YELLOW	335	12	335 HEATER MTR MEDIUM	HEATER A/C COMBO SWITCH TO RESISTOR
RED/WHITE	336	12	336 HEATER MTR HI	HEATER A/C COMBO SWITCH TO RESISTOR
	337	12	337 A/C MOTOR LOW	HEATER A/C COMBO SWITCH TO RESISTOR
	338	12	338 A/C MOTOR MED	HEATER A/C COMBO SWITCH TO RESISTOR
	339	12	339 A/C MOTOR HI	HEATER A/C COMBO SWITCH TO RESISTOR
	340	1	340 TILT SOLENOID FEED	POWER FEED TO SOLENOID
	341	1	341 TILT PUMP FEED	SOLENOID TO TILT MOTOR
	342	14	342 RET STP LIGHT	RET LIGHT TO STOP LIGHT RELAY
	343	14	343 ESBRS WARN LIGHT	WARNING LIGHT TO ESBRS PRESS SWITCH
	344	14	344 SIDE LIGHT FEED	SIDE INTERSECTION LIGHT POWER FEED
	345	14	345 SEQ TO RELAY 1	SEQUENCER TO RELAY #1
	346	14	346 SEQ TO RELAY 2	SEQUENCER TO RELAY #2
	347	14	347 SEQ TO RELAY 3	SEQUENCER TO RELAY #3
	348	14	348 SEQ TO RELAY 4	SEQUENCER TO RELAY #4
	349	14	349 SEQ TO RELAY 5	SEQUENCER TO RELAY #5
	350	14	350 SEQ TO RELAY 6	SEQUENCER TO RELAY #6
	351	14	351 SEQ TO RELAY 7	SEQUENCER TO RELAY #7
RED	352	14	352 CONTR #2 POWER	FAN CONTROLLER TO LIVE BREAKER
BLUE	353	14	353 FAN - CONTR #1	FAN CONTROLLER TO FAN - LOWER
BLUE	354	14	354 FAN - CONTR #2	FAN CONTROLLER TO FAN - UPPER
ORANGE	355	14	355 FAN - CONTR #1	FAN CONTROLLER TO FAN - LOWER
ORANGE	356	14	356 FAN - CONTR #2	FAN CONTROLLER TO FAN - UPPER
GREEN	357	14	357 FAN OVER RIDE	FAN CONTROLLER OVER RIDE POWER
YELLOW	358	14	358 IGN - CONTROLS	SWITCHED BREAKER TO CONTROLLERS
	359	1	359 TILT SWITCH POWER	POWER FEED TO TILT MOTOR SWITCH
	360	16	360 SHIELD GROUND	SHIELDED CABLE GROUND
	361	14	361 SIDE WARN POWER	SIDE WARNING LIGHTS BREAKER TO SWITCH
BLACK	362	6	362 SOLENOID TO BRKR	MASTER SWITCH SOLENOID TO CIRCUIT BREAKERS
	363	14	363 RELAY TO BUZZER	OPEN COMP WARNING RELAY TO BUZZER
		14	SPARE A	SPARE OPTION WIRE (MOTORHOME)
		14	SPARE B	SPARE OPTION WIRE (MOTORHOME)
		14	SPARE C	SPARE OPTION WIRE (MOTORHOME)
		14	SPARE D	SPARE OPTION WIRE (MOTORHOME)
		14	SPARE E	SPARE OPTION WIRE (MOTORHOME)
		14	SPARE F	SPARE OPTION WIRE (MOTORHOME)
		14	SPARE G	SPARE OPTION WIRE (MOTORHOME)
RED	364	14	364 RELAY POWER	CIRCUIT BREAKER TO RELAY
WHITE	365	14	365 HDLP SWIT TO RELAY	HEAD LIGHT POWER SWITCH TO RELAY
BLUE	366	14	366 LAMP TO RELAY	TILT LAMP TO RELAY
PURPLE	367	14	367 SWITCH TO RELAY	TILT SWITCH TO RELAY DOWN
YELLOW	368	14	368 SWITCH TO RELAY	TILT SWITCH TO SOLENOID UP

COLOR	NUMBER	AWG	CIRCUIT # LEGEND	FUNCTION DESCRIPTION
	369	12	369 BATTERY 1	BATTERY #1 TO BATTERY CONDITIONER
RED	370	14	370 RELAY TO SOLENOID	RELAY TO RELIEF SOLENOID DOWN
GREEN	371	14	371 SWITCH TO RELAY	PRESS SWITCH TO RELAY DOWN
	372	12	372 BATTERY 2	BATTERY #2 TO BATTERY CONDITIONER
	373	14	373 SPOT POWER	HAND HELD SPOTLIGHT POWER
	374	14	374 CORN LAMP POWER	CORNING LAMP MODULE POWER
	375	14	375 BRAKE WARNING	BRAKE WARNING LIGHT CYLINDER TO LIGHT
	376	14	376 INTERLOCK JUMP	NEUTRAL SAFETY TO PUMP INTERLOCK JUMPER
	377	14	377 CONTROL TO RELAY	DDEC JAKE BRAKE CONTROL MODULE TO RELAY
	378	12	378 ATEC POWER	ISOLATED BATTERY TO BREAKER
	379	14	379 PARK SAFETY	PARK BRAKE ENGAGED
	380	14	380 HIGH IDLE SWITCH	HIGH IDLE SWITCH TO SOLENOID
	381	14	381 HIGH IDLE LAMP	HIGH IDLE LAMP GROUND
	382	14	382 DDEC BUZZER	DDEC MODULE TO BUZZER
	383	14	383 ANTILOCK	ANTILOCK / RETARDER CUTOFF POWER
	384	14	384 ANTILOCK	ANTILOCK / RETARDER CUTOFF RELAY TO SWITCH
	385	14	385 ANTILOCK POWER	ANTILOCK POWER (IGNITION)
	386	14	386 ANTILOCK GROUND	ANTILOCK IGNITION LIGHT GROUND
	387	14	387 ANTILOCK IGNITION	ANTILOCK IGNITION
	388	14	388 PANEL GROUND	ANTILOCK PANEL GROUND
	389	14	389 DOOR BEACON (-)	OPEN DOOR BEACON GROUND
	390	14	390 DOME LAMP (-)	DOME LAMP GROUND
	391	14	391 DOOR BEACON (+)	OPEN DOOR BEACON POSITIVE
	392	14	392 SWITCH TO RELAY 1	ROCKER SWITCH TO RELAY #1
	393	14	393 SWITCH TO RELAY 2	ROCKER SWITCH TO RELAY #2
	394	14	394 SWITCH TO RELAY 3	ROCKER SWITCH TO RELAY #3
	395	14	395 SWITCH TO RELAY 4	ROCKER SWITCH TO RELAY #4
	396	14	396 SWITCH TO RELAY 5	ROCKER SWITCH TO RELAY #5
	397	14	397 SWITCH TO RELAY 6	ROCKER SWITCH TO RELAY #6
	398	14	398 SWITCH TO RELAY 7	ROCKER SWITCH TO RELAY #7
	399	14	399 PTO POWER	POWER TO PTO SHIFT
	400	16	400 PTO OVERSPEED	PTO OVERSPEED INDICATOR LAMP (+)
	401	16	401 4TH RANGE IND	RANGE INDICATOR LAMP (-)
	402	14	402 RELAY 1 POWER	POWER TO SPARE RELAY
	403	14	403 RELAY 1 NC	SPARE RELAY TO J-BLOCK NC
	404	14	404 RELAY 1 NO	SPARE RELAY TO J-BLOCK NO
	405	14	405 RELAY 2 POWER	POWER TO SPARE RELAY
	406	14	406 RELAY 2 NC	SPARE RELAY TO J-BLOCK NC
	407	14	407 RELAY 2 NO	SPARE RELAY TO J-BLOCK NO
	408	14	408 RELAY 3 POWER	POWER TO SPARE RELAY
	409	14	409 RELAY 3 NC	SPARE RELAY TO J-BLOCK NC
	410	14	410 RELAY 3 NO	SPARE RELAY TO J-BLOCK NO
	411	14	411 RELAY 4 POWER	POWER TO SPARE RELAY
	412	14	412 RELAY 4 NC	SPARE RELAY TO J-BLOCK NC
	413	14	413 RELAY 4 NO	SPARE RELAY TO J-BLOCK NO
	414	141	414 RELAY 5 POWER	POWER TO SPARE RELAY
	415	14	415 RELAY 5 NC	SPARE RELAY TO J-BLOCK NC
	416	14	416 RELAY 5 NO	SPARE RELAY TO J-BLOCK NO
GREY	417	16	417 SPEED SIGNAL	SPEED SIGNAL TO SPEEDO AND OR CRUISE
	418	16	418 DO NOT SHIFT	ALLISON DO NOT SHIFT LIGHT
	419	16	419 1922 A	SERIAL COMMUNICATION J - 1922 A
	420	16	420 1922 B	SERIAL COMMUNICATION J - 1922 B
	421	16	421 1587 A	SERIAL COMMUNICATION J - 1587 A
	422	16	422 1587 B	SERIAL COMMUNICATION J - 1587 B
	423	16	423 ABS DROP	ABS ENGINE BRAKE DROP
	424	14	424 ABS RELAY (+)	ABS RELAY POWER
	425	16	425 ATC LIGHT (-)	ATC INDICATOR LAMP (-)
	426	16	426 DIAGNOSTIC (-)	ABS DIAGNOSTIC GROUND
	427	16	427 ATC FUNCTION	ATC FUNCTION
	428	16	428 ABS SWITCH	ABS OFF ROAD SWITCH
	429	12	429 DIAGNOL 1 (+)	ABS DIAGNOL 1 POWER
	430	12	430 DIAGNOL 2 (+)	ABS DIAGNOL 2 POWER
	431	12	431 ABS POWER 2	ABS POWER RELAY 2
	432	16	432 ABS SIGNAL 2	ABS SIGNAL RELAY 2
	433	12	433 ABS POWER 1	ABS POWER RELAY 1
	434	16	434 ABS SIGNAL 1	ABS SIGNAL RELAY 1
	435	16	435 ABS LIGHT (+)	ABS LIGHT POWER

() GAUGE KEY

\* OPT - PUMPER HARNESS

COLOR	NUMBER	AWG	CIRCUIT # LEGEND	FUNCTION DESCRIPTION
	436	16	436 NTOR LAMP (-)	NEUTRAL TO RANGE INHIBIT LAMP GROUND
	437	14	437 SCENE LIGHT (-)	SCENE LIGHT GROUND
	438	14	438 SCENE LIGHT (+)	SCENE LIGHT POWER
	439	14	439 DIFF LOCK	IMP RELAY TO AIR SOLENOID
	440	14	440 DIFF LIGHT	IMP RELAY TO INDICATOR LIGHTS
	441	14	441 JAKE STOP FEED	FEED TO BRAKE RELAY
RED	442	18	442 CRUISE POWER	IGNITION POWER TO CRUISE
BLUE	443	18	443 ECU SUPPLY	POWER FROM CRUISE SWITCH TO ECU
GREEN	444	18	444 CRUISE LAMP	LAMP POWER FROM ECU
BLACK	445	18	445 GRND SWIT TO ECU	GROUND FROM SWITCH TO ECU
WHITE	446	18	446 CANCEL / RESUME	CANCEL, RESUME SWITCH TO ECU
YELLOW	447	18	447 SET / ACCEL	SET ACCEL SWITCH TO ECU
BLUE	448	18	448 CLUTCH POS	CLUTCH POS ECU TO ACTUATOR
	449	18	449 CLUTCH NEG	CLUTCH NEG ECU TO ACTUATOR
RED	450	18	450 MOTOR POS	MOTOR POS ECU TO ACTUATOR
BLACK	451	18	451 MOTOR NEG	MOTOR NEG ECU TO ACTUATOR
BLACK	452	18	452 ECU GROUND	GROUND FROM ECU TO CHASSIS
RED	453	16	453 SPEED GEN POS	SPEED SIGNAL GENERATOR POWER
BLACK	454	16	454 SPEED GEN NEG	SPEED SIGNAL GENERATOR GROUND
	455	14	455 JAKE SPEED (NEG)	JAKE FEED FROM SENDER (NEG)
	456	14	456 JAKE SPEED (POS)	JAKE FEED FROM SENDER (POS)
YELLOW	457	18	457 ABS LT TRIGGER (-)	ABS LIGHT GROUND
RED	458	16	458 ABS PWR LIVE	ABS POWER LIVE
GREEN	459	16	459 ABS PWR IGN	ABS POWER IGNITION
	460	14	460 HTR SIGNAL	CONTROL MOD TO PRE HEAT SOLENOID
	461	14	461 TEMP SIGNAL	TEMP SWITCH TO CONTROL MODULE
	462	14	462 PRESS SIGNAL	OIL PRESS SWITCH TO CONTROL MODULE
	463	14	463 IGN SWITCH	IGNITION BRKR TO CONTROL MODULE
	464	2	464 BAT TO BRKR	BATTERY TO BRKR FOR PRE HEATER
	465	2	465 BRKR TO HTR	BRKR TO PRE HEATER
	466	16	466 PAC BRK PWR	PAC BRAKE POWER
	467	16	467 PAC BRK SOL	PAC BRAKE SOL
	468	16	468 "T" CASE	"T" CASE INDICATOR LIGHT TO SWITCH
	469	16	469 4X2	4X2 INDICATOR LIGHT
	470	16	470 4X4	4X4 INDICATOR LIGHT
BROWN	471	16	471 TILT LIMIT SW	CAB TILT LIMIT SWITCH
	472	12	472 UNDER CAB LT	UNDER CAB "RATTLESNAKE" LIGHTS
WHITE	473	16	473 TEL IND LT 1	TELMA INDICATOR LIGHT
WHITE	474	16	474 TEL IND LT 2	TELMA INDICATOR LIGHT
WHITE	475	16	475 TEL IND LT 3	TELMA INDICATOR LIGHT
WHITE	476	16	476 TEL IND LT 4	TELMA INDICATOR LIGHT
WHITE	477	16	477 TEL ST 1	TELMA STAGE 1
WHITE	478	16	478 TEL ST 2	TELMA STAGE 2
WHITE	479	16	479 TEL ST 3	TELMA STAGE 3
WHITE	480	16	480 TEL ST 4	TELMA STAGE 4
WHITE	481	16	481 TEL PWR	TELMA POWER
WHITE	482	16	482 TEL LIM SW 1	TELMA LIMIT SW 1
WHITE	483	16	483 TEL LIM SW 2	TELMA LIMIT SW 2
WHITE	484	16	484 TEL BRK S16	TELMA BRAKE S16
WHITE	485	16	485 TEL SP 2	TELMA SPEEDO 2
WHITE	486	16	486 TEL ABS	TELMA ABS
WHITE	487	16	487 TEL ST 1 ALT	TELMA STAGE 1 ALT
WHITE	488	16	488 TEL ST 2 ALT	TELMA STAGE 2 ALT
WHITE	489	14	489 CLASS 1 COMMON	CLASS 1 MASTER SW TO OPTION SW
BLUE	490	14	490 FRONT STROBE	FRONT STROBE SW TO RELAY
GREEN	491	14	491 INTERSECTOR	INTERSECTOR SW TO RELAY
ORANGE	492	14	492 POWER MIRROR	POWER MIRROR BRKR TO SWITCH
GREEN	493	14	493 RACOR ALARM	RACOR ALARM TO SENDER
BROWN	494	14	494 POWER VENT	SWITCH TO POWER VENT
BROWN	495	14	495 POWER VENT PWR	POWER VENT BRKR TO SWITCH
RED	496	14	496 UPS POWER	UPS BREAKER TO POWER SUPPLY
WHITE	497	16	497 CAB TILT ALARM	CAB TILT SOL TO ALARM
WHITE	498	16	498 PRE - HEAT	
WHITE	499	14	499 ECAS LIVE	
WHITE	500	14	500 ECAS SW	
WHITE	501	14	501 KNEEL UP	
WHITE	502	14	502 KNEEL DOWN	



COLOR	NUMBER	AWG	CIRCUIT # LEGEND	FUNCTION DESCRIPTION
RED	503	10	503 ELECT STEP POWER	BREAKER TO STEP CONTROL MODULE
BLUE	504	14	504 PTO IND LIGHT	PTO SWITCH TO LIGHT
WHITE	505	12	505 WIN MOTOR POS	MOTOR POSITIVE ON POWER WINDOWS
WHITE	506	12	506 WIN MOTOR NEG	MOTOR NEGATIVE ON POWER WINDOWS
WHITE	507	12	507 FRONT WIN POWER	POWER FOR FRONT POWER WINDOWS
WHITE	508	12	508 REAR WIN POWER	POWER FOR REAR POWER WINDOWS
WHITE	509	12	509 REAR WIN POS	REAR POS MOTOR FEED FROM DRIVER'S SW
WHITE	510	12	510 RAER WIN NEG	REAR NEGATIVE MOTOR FEED FROM DRIVER'S SW
WHITE	511	12	511 OFCR WIN POS	OFFICER POSITIVE MOTOR FEED FROM DRIVER'S SW
WHITE	512	12	512 OFCR WIN NEG	OFFICER NEGATIVE MOTOR FEED FROM DRIVER'S SW
WHITE	513	12	513 ISO WIN POS	ISOLATED POSITIVE MOTOR FEED FROM DRIVER'S RELAY
WHITE	514	12	514 ISO WIN NEG	ISOLATED NEGATIVE MOTOR FEED FROM DRIVER'S RELAY
WHITE	515	14	515 DRL PWR	DAYTIME RUNNING LIGHTS POWER
WHITE	516	14	516 ACC IGN PWR	
RED	517	14	517 GLOW PLUG PWR	
WHITE	518	14	518 HYD DIFF SW	HYDROMAX PRESSURE DIFFERENTIAL SW
WHITE	519	14	519 HYD FLOW SW	HYDROMAX FLOW SWITCH
WHITE	520	14	520 HYD PUMP ON	HYDROMAX PUMP ON
RED	521	14	521 HYD PUMP PWR	HYDROMAX PUMP POWER
WHITE	522	14	522 HYD PUMP	HYDROMAX PUMP CONTROL
WHITE	523	14	523 HYD WARN CON	HYDROMAX WARNING CONTROL
WHITE	524	14	524 HYD MOD SW	HYDROMAX SWITCHED POWER
WHITE	525	14	525 BAT DIRECT (+)	CLEANE POWER
	526		526 LOW WIPER	LOW WIPER
	527		527 HIGH WIPER	HIGH WIPER
	528		528 6X6	6X6 T/CASE
	529		529 T/CASE LOW	T/CASE LOW
	530		530 PARK WIPER	WIPER PARK POWER
	531	14	531 SEQ TO RELAY 8	SEQUENCER TO RELAY #8
	532	14	532 SEQ TO RELAY 9	SEQUENCER TO RELAY #9
	533	14	533 SEQ TO RELAY 10	SEQUENCER TO RELAY #10
WHITE	534	16	534 OUTPUT LOAD #1	LOAD MANAGER OUTPUT
WHITE	535	16	535 OUTPUT LOAD #2	LOAD MANAGER OUTPUT
WHITE	536	16	536 OUTPUT LOAD #3	LOAD MANAGER OUTPUT
WHITE	537	16	537 OUTPUT LOAD #4	LOAD MANAGER OUTPUT
WHITE	538	16	538 OUTPUT LOAD #5	LOAD MANAGER OUTPUT
WHITE	539	16	539 OUTPUT LOAD #6	LOAD MANAGER OUTPUT
WHITE	540	16	540 OUTPUT LOAD #7	LOAD MANAGER OUTPUT
WHITE	541	16	541 OUTPUT LOAD #8	LOAD MANAGER OUTPUT
WHITE	542	16	542 OUTPUT LOAD #9	LOAD MANAGER OUTPUT
WHITE	543	16	543 OUTPUT LOAD #10	LOAD MANAGER OUTPUT
WHITE	544	16	544 OUTPUT LOAD #11	LOAD MANAGER OUTPUT
WHITE	545	16	545 OUTPUT LOAD #12	LOAD MANAGER OUTPUT
	546	16	546 LOW VOLTAGE LT	