800 GAS/LP

Hydraulics

Pumps:

		Normal Throttle	
Propelling	Char–Lynn	23.2 GPM (88 L / min)	4500 PSI Relief (31027 kPa)
Accessory(Brush)	Char–Lynn	6.2 GPM (23 L / min)	2200 PSI Relief (15170 kPa)
Accessory (Steer)	Char–Lynn	4.7 GPM (18 L / min)	1300 PSI Relief (8963 kPa)
Accessory (Vac)	Char–Lynn	6.2 GPM (23 L / min)	2000 PSI Relief (13790 kPa)

Motors:

Main Brush	Char–Lynn	400 RPM (NORMAL) , 500 RPM (2 SPD)
Side Brush	Char–Lynn	80 RPM
Vacuum Fan	Barnes	8500 RPM
Propelling	Char–Lynn	150 RPM
Engine Fan	Barnes	2000 RPM

Electrical

Battery: Group Size – 31 Cold Cranking Amps – 730

Motors:

Shaker: Normal Amp Draw – 4.5

Starter: Normal Amp Draw Hot – 155 @ 11.5
Normal Amp Draw Cold – 185 @ 10 Volts

Std. Alternator: Output – 50 Amps at 5000–5300 RPM
Volts – 14.5

Vacuum System: CFM– 585 (16565 L / min)

Engine up to machine serial number 1699, solid state, has distributor

Type – Ford | Model – LSG–423 | HP – 54 (40.2 kw) @ 2400 RPM

Spark Plug Gap: Gas – 0.050
LP – 0.050

Valve Clearance(Cold): Collapsed tappet gap .035 – .055

Timing: 10 BTDC Factory Set – Non Adjustable
Idle Speed: 1100 ± 25 RPM

Governed Speed: 2400 RPM

Fuel Consumption: Gas – 12.0 Gal. (45 L) Gas Per Hour – 1.2 Gal. (4.5 L)
LP – 40# LP Per Hour – 6.6 #

Oil Pressure: 40 PSI min at operating speeds
10 PSI min at Idle

Engine for machines above serial number 1700 DIS engine, no distributor

Type – Ford | Model – LRG–423 | HP – 54 (40.2 kw) @ 2400 RPM

Spark Plug Gap: Gas – 0.042"– 0.046" (1.0 – 1.2 mm)
LP – 0.042"– 0.046" (1.0 – 1.2 mm)

Valve Clearance(Cold): Hydraulic lifters non adjustable

Timing: 9 BTDC @750 RPM Factory Set – Non Adjustable
Idle Speed: 2000 ± 25 RPM

Governed Speed: 2400 RPM

Fuel Consumption: Gas – 12.0 Gal. (45 L) Gas Per Hour – 1.2 Gal. (4.5 L)
LP – 40# LP Per Hour – 6.6 #

SPECIFICATIONS

Oil Pressure: 40–60 PSI min at operating speeds
10 PSI min at Idle

Chassis

Rear Tire Pressure:	90–100 PSI	Hub Nut Torque: 200–250 ft. lb. Lug Nut Torque: 90–105 ft. lb. (1/2" nuts) 120–130 ft.lb. (9/16" nuts)
Front Tires:	90–100 PSI	Lug Nut Torque: 90–105 ft. lb. (1/2" nuts) 120–130 ft.lb. (9/16" nuts)
Vac Fan:		Impeller Nut – 10 ft. lb.

800 DIESEL

Hydraulics

Pumps:

		Normal Throttle	
Propelling	Char–Lynn	23.2 GPM (88 L / min)	4500 PSI Relief (31027 kPa)
Accessory (Brush)	Char–Lynn	6.2 GPM (23 L / min)	2200PSI Relief (15170 kPa)
Accessory (Steer)	Char–Lynn	4.7 GPM (18 L / min)	1300 PSI Relief (8963 kPa)
Accessory (Vac)	Char–Lynn	6.2 GPM (23 L / min)	2000 PSI Relief (13790 kPa)

Motors:

Main Brush	Char–Lynn	400 RPM (NORMAL) , 500 RPM (2 SPD)
Side Brush	Char–Lynn	80 RPM
Vacuum Fan	Barnes	8500 RPM
Propelling	Char–Lynn	150 RPM
Engine Fan	Barnes	2000 RPM

Electrical

Battery: Group Size – 24 Cold Cranking Amps – 475

Motors:

Shaker	Normal Amp Draw – 4.5
Starter	Normal Amp Draw Hot – 355 @ 11.5 Normal Amp Draw Cold – 380 @ 10 Volts

Std. Alternator: Output – 50 Amps at 5000–5300 RPM
Volts – 14.5

Vacuum System: CFM– 585 (16565 L / min)

Engine USED IN MACHINES BELOW SERIAL NUMBER 3999

Type – Perkins	Model : 204–25, 200 Series	HP – 45 (33.6 kw) @ 2400 RPM
Valve Clearance (Cold):	Intake – 0.0057" (0.14mm)	Exhaust – 0.0072" (0.18mm)
Timing: Injection Pump	15 – 17 degrees	
Idle Speed:	1200 $\pm$ 50 RPM	
Governed Speed:	2400 RPM	
Fuel Consumption:	Diesel – 9.4 Gal. (36 L)	Diesel Per Hour – 1.4 Gal. (5 L)
Oil Pressure:	29 PSI min at operating speeds 7 PSI min at Idle	

Engine USED IN MACHINES SERIAL NUMBER 4000 AND ABOVE.
98800–001

Type – Perkins	Model : 700 Series UA 3.0L	HP – 68 (? kw) @ 2400 RPM
Valve Clearance (Cold):	Intake – 0.014” (0.35mm)	Exhaust – 0.014” (0.35mm)
Timing: Injection Pump	16 BTDC	
Start Speed:	1400 $\pm$ 50 RPM	idle 2,000 RPM
Governed Speed:	2400 RPM	
Fuel Consumption:	Diesel – Gal. (? L)	Diesel Per Hour – Gal. (?L)
Oil Pressure:	41 PSI min at operating speeds 7 PSI min at Idle?	

Chassis

Rear Tire Pressure:	90–100 PSI	Hub Nut Torque: 200–250 ft.lb Lug Nut Torque: 90–105 ft.lb. (1/2” nuts) 120–130 ft.lb. (9/16” nuts)
Front Tire:	90–100 PSI	Lug Nut Torque: 90–105 ft. lb. (1/2” nuts) 120–130 ft. lb. (9/16” nuts)
Vac Fan:		Impeller Nut – 10 ft. lb.

SPECIFICATIONS

810 GAS/LP

Hydraulics

Pumps:

		Normal Throttle	
Propelling	Char–Lynn	23.2 GPM (88 L / min)	4500 PSI Relief (31027 kPa)
Accessory(Brush)	Char–Lynn	6.2 GPM (23 L / min)	2200 PSI Relief (15170 kPa)
Accessory (Steer)	Char–Lynn	4.7GPM (18 L / min)	1300 PSI Relief (8963 kPa)
Accessory (Vac)	Char–Lynn	6.2GPM (23 L / min)	2000 PSI Relief (13790 kPa)

Motors:

Main Br. & P. Throw	Char–Lynn	400	RPM
Side Brush	Char–Lynn	80	RPM
Vacuum Fan	Barnes	8500	RPM
Propelling	Char–Lynn	150	RPM
Engine Fan	Barnes	2000	RPM

Electrical

Battery: Group Size – 31 Cold Cranking Amps – 730

Motors:

Shaker: Normal Amp Draw – 4.5

Starter: Normal Amp Draw Hot – 155 @ 11.5
Normal Amp Draw Cold – 185 @ 10 Volts

Std. Alternator: Output – 50 Amps at 5000–5300 RPM
Volts – 14.5

Vacuum System: CFM– 585 (16565 L / min)

Engine up to machine serial number 2299, solid state, has distributor

Type – Ford Model – LSG–423 HP – 54 (40.2 kw) @ 2400 RPM

Spark Plug Gap: Gas – 0.050
LP – 0.050

Valve Clearance(Cold): Collapsed tappet gap .035 – .055

Timing: 10 BTDC Factory Set – Non Adjustable
Idle Speed: 1100 $\pm$ 25 RPM

Governed Speed: 2400 RPM

Fuel Consumption: Gas – 12.0 Gal. (45 L) Gas Per Hour – 1.2 Gal. (4.5 L)
LP – 40# LP Per Hour – 6.6 #

Oil Pressure: 40 PSI min at operating speeds
10 PSI min at Idle

Chassis

Rear Tire Pressure: 90–100 PSI Hub Nut Torque: 200–250 ft. lb.
Lug Nut Torque: 90–105 ft. lb. (1/2" nuts)
120–130 ft.lb. (9/16" nuts)

Front Tires: 90–100 PSI Lug Nut Torque: 90–105 ft. lb. (1/2" nuts)
120–130 ft.lb. (9/16" nuts)

Vac Fan: Impeller Nut – 10 ft. lb.

Engine for machines above serial number 2300 DIS engine, no distributor

Type – Ford Model – LRG–423 HP – 54 (40.2 kw) @ 2400 RPM

Spark Plug Gap:	Gas – 0.042"– 0.046" (1.0 – 1.2 mm) LP – 0.042"– 0.046" (1.0 – 1.2 mm)
Valve Clearance(Cold):	Hydraulic lifters non adjustable
Timing:	9 BTDC @750 RPM Factory Set – Non Adjustable
Idle Speed:	2000 ± 25 RPM
Governed Speed:	2400 RPM
Fuel Consumption:	Gas – 12.0 Gal. (45 L) Gas Per Hour – 1.2 Gal. (4.5 L) LP – 40# LP Per Hour – 6.6 #
Oil Pressure:	40–60 PSI min at operating speeds 10 PSI min at Idle

810 DIESEL

Hydraulics

Pumps:		Normal Throttle	
Propelling	Char–Lynn	23.2 GPM (88 L / min)	4500 PSI Relief (31027 kPa)
Accessory(Brush)	Char–Lynn	6.2 GPM (23 L / min)	2200 PSI Relief (15170 kPa)
Accessory (Steer)	Char–Lynn	4.7GPM (18 L / min)	1300 PSI Relief (8963 kPa)
Accessory (Vac)	Char–Lynn	6.2 GPM (23 L / min)	2000 PSI Relief (13790 kPa)
Motors:			
Main Br & P. Throw	Char–Lynn	400 RPM	
Side Brush	Char–Lynn	80 RPM	
Vacuum Fan	Barnes	8500 RPM	
Propelling	Char–Lynn	150 RPM	
Engine Fan	Barnes	2000 RPM	

Electrical

Battery:	Group Size – 24 Cold Cranking Amps – 475
Motors:	
Shaker	Normal Amp Draw – 4.5
Starter	Normal Amp Draw Hot – 355 @ 11.5 Normal Amp Draw Cold – 380 @ 10 Volts
Std. Alternator:	Output – 50 Amps at 5000–5300 RPM Volts – 14.5
Vacuum System:	CFM– 585 (16565 L / min)

Engine USED IN MACHINES BELOW SERIAL NUMBER 2999

Type – Perkins	Model : 204–25, 200 Series	HP – 45 (33.6 kw) @ 2400 RPM
Valve Clearance (Cold):	Intake – 0.0057" (0.14mm)	Exhaust – 0.0072" (0.18mm)
Timing: Injection Pump	15 – 17 degrees	
Idle Speed:	1200 ± 50 RPM	
Governed Speed:	2400 RPM	
Fuel Consumption:	Diesel – 9.4 Gal. (36 L)	Diesel Per Hour – 1.4 Gal. (5 L)
Oil Pressure:	29 PSI min at operating speeds 7 PSI min at Idle	

Chassis

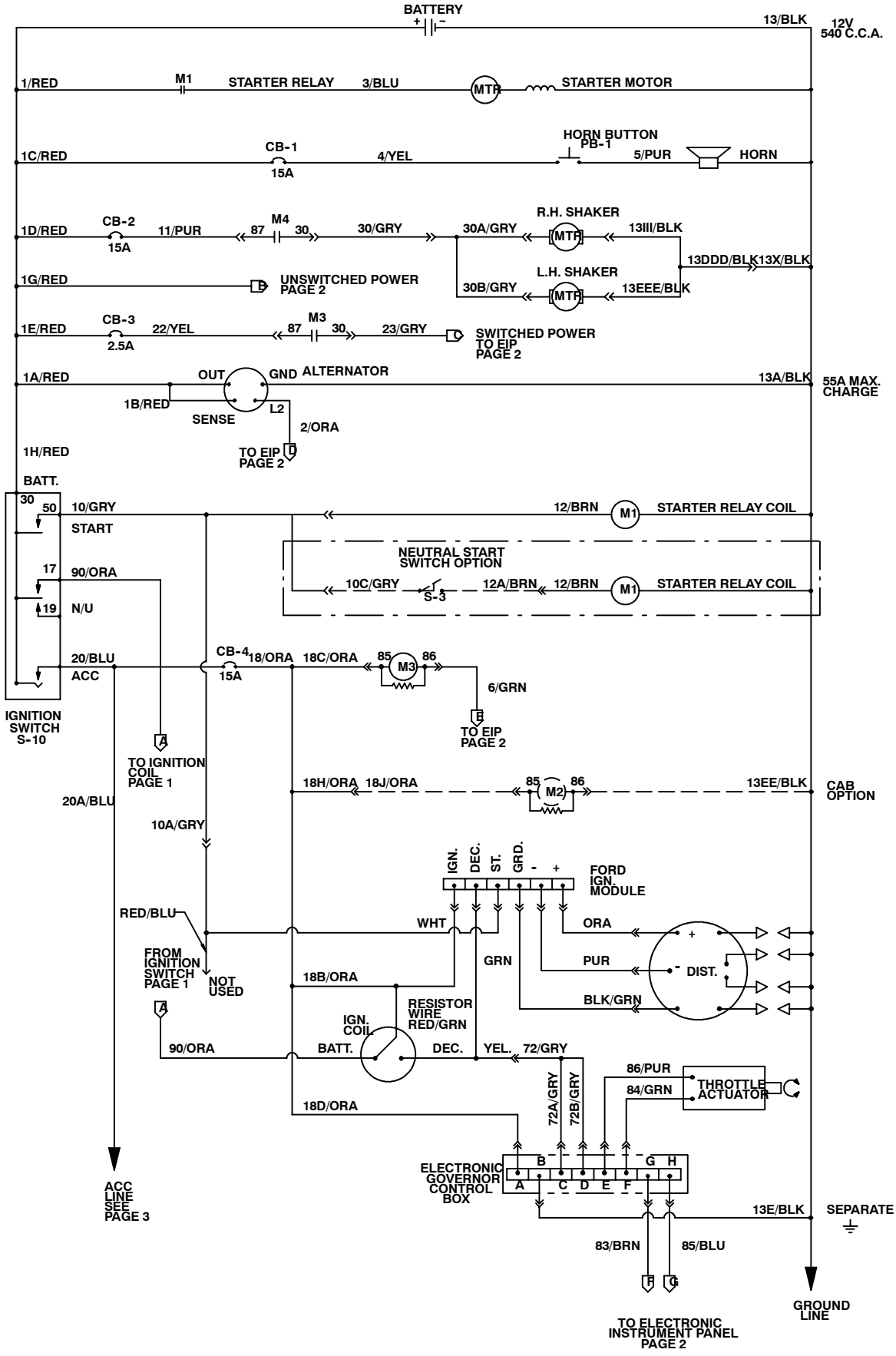
Rear Tire Pressure:	90–100 PSI	Hub Nut Torque: 200–250 ft.lb Lug Nut Torque: 90–105 ft.lb. (1/2" nuts)

		120–130 ft.lb. (9/16” nuts)
Front Tire:	90–100 PSI	Lug Nut Torque: 90–105 ft. lb. (1/2” nuts) 120–130 ft.lb. (9/16” nuts)
Vac Fan:		Impeller Nut – 10 ft. lb.

Engine USED IN MACHINES SERIAL NUMBER 3000 AND ABOVE.

Type – Perkins	Model : 700 Series UA 3.0L	HP – 68 (? kw) @ 2400 RPM
Valve Clearance (Cold):	Intake – 0.014” (0.35mm)	Exhaust – 0.014” (0.35mm)
Timing: Injection Pump	16 BTDC	
Start Speed:	1400 $\pm$ 50 RPM	idle 2,000 RPM
Governed Speed:	2400 RPM	
Fuel Consumption:	Diesel – Gal. (? L)	Diesel Per Hour – Gal. (?L)
Oil Pressure:	41 PSI min at operating speeds 7 PSI min at Idle?	

800/810 G & LP



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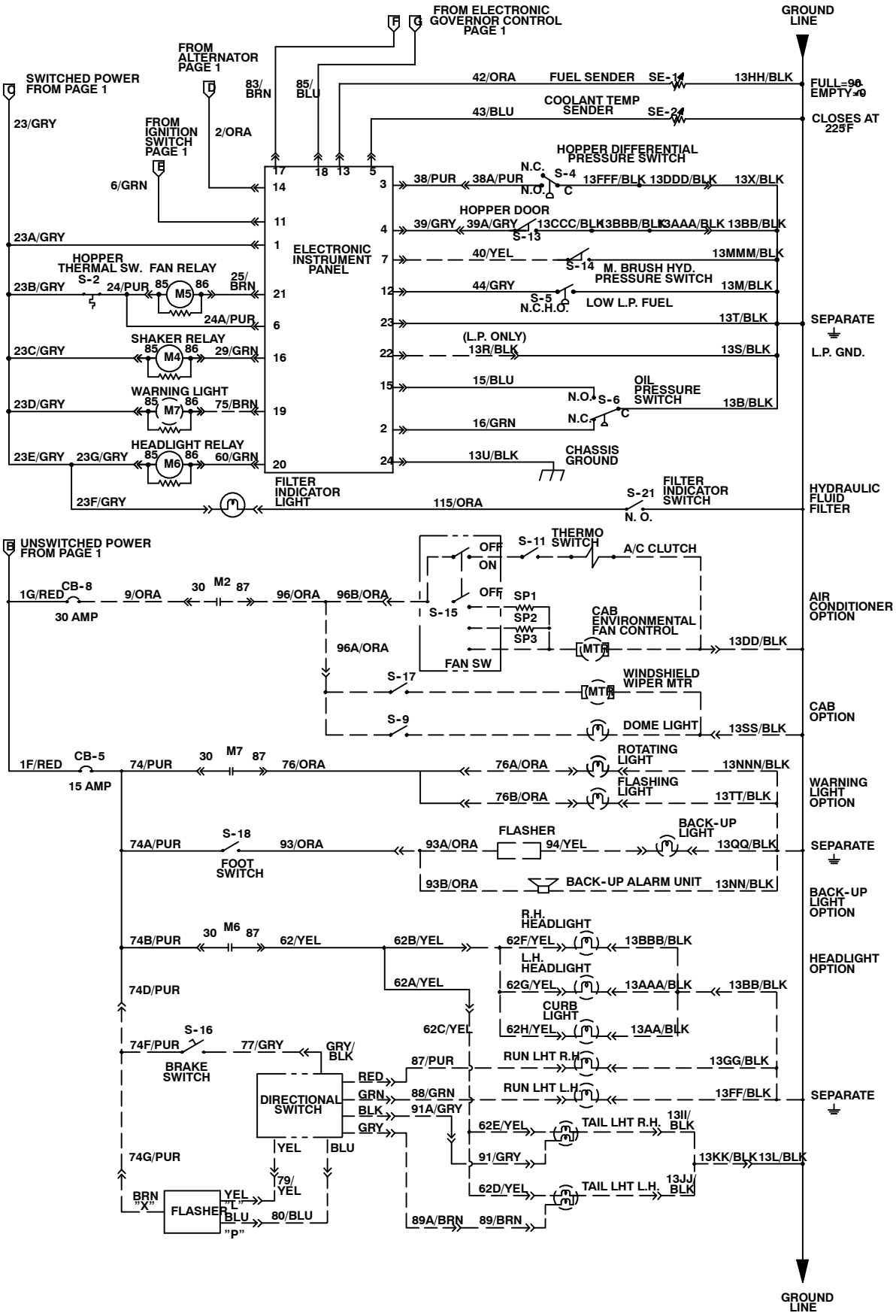
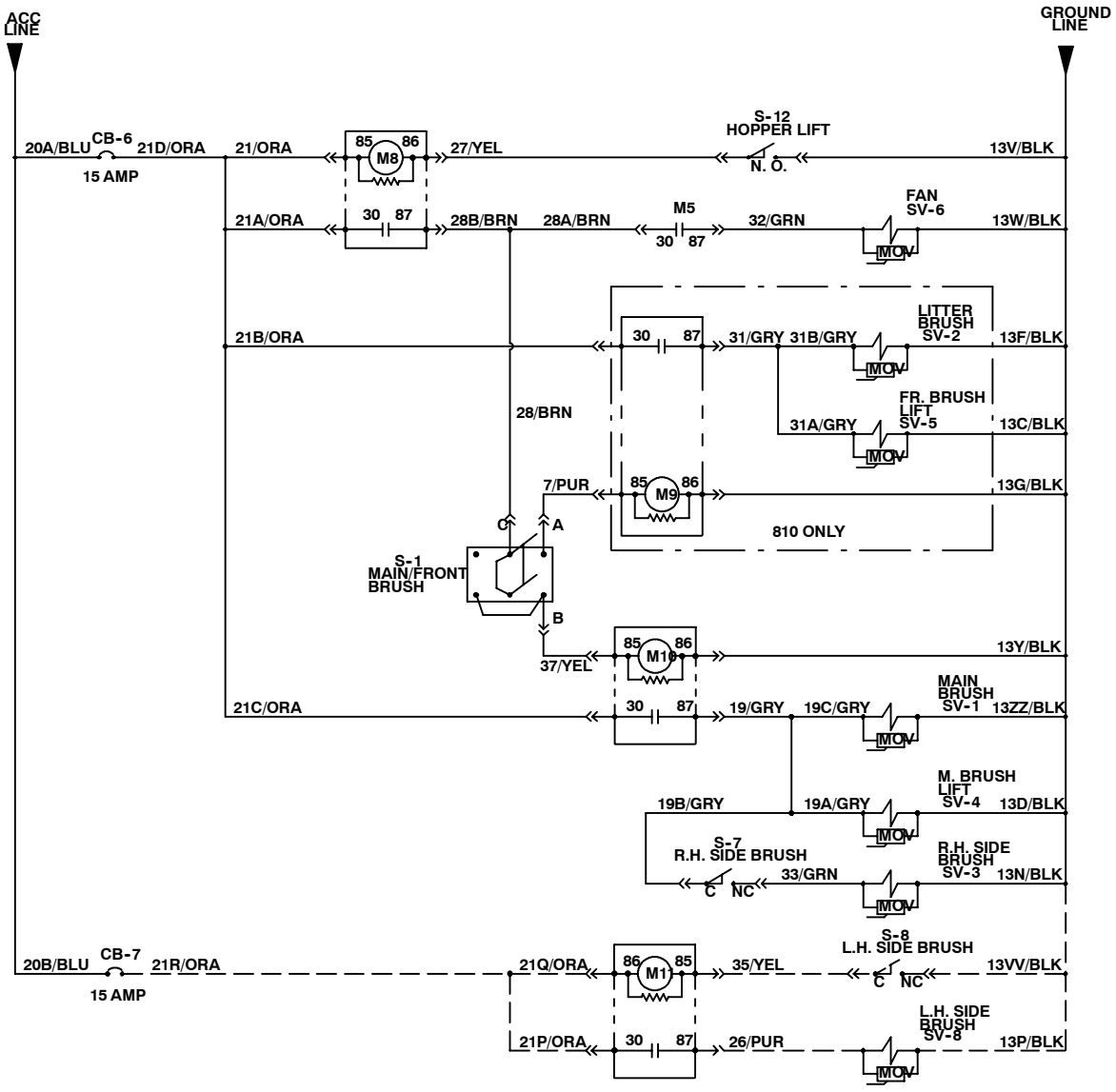
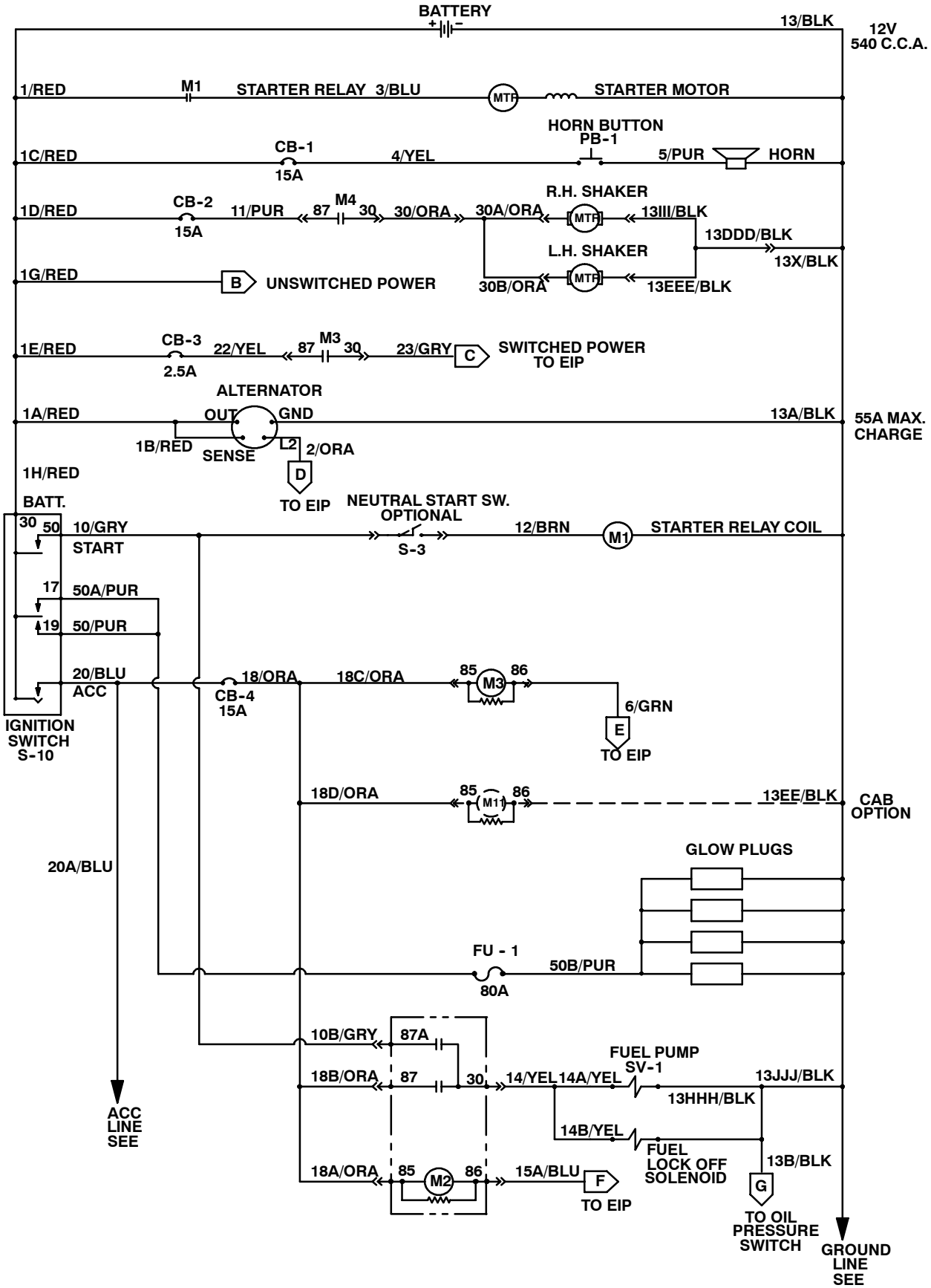

FROM ELECTRONIC GOVERNOR CONTROL PAGE 1
GROUND LINE
FROM ALTERNATOR PAGE 1
SWITCHED POWER FROM PAGE 1
83/ BRN
85/ BLU
42/ORA
FUEL SENDER
SE-1
13HH/BLK
FULL=90 EMPTY=0
COOLANT TEMP SENDER
43/BLU
SE-2
CLOSES AT 225F
23/GRY
FROM IGNITION SWITCH PAGE 1
2/ORA
HOPPER DIFFERENTIAL PRESSURE SWITCH
N.C.
S-4
N.O.
C
38/PUR
38A/PUR
13FFF/BLK
13DDD/BLK
13X/BLK
6/GRN
HOPPER DOOR
39/GRY
39A/GRY
S-13
13CCC/BLK
13BBB/BLK
13AAA/BLK
13BB/BLK
23A/GRY
HOPPER THERMAL SW.
S-2
FAN RELAY
M5
23B/GRY
24/PUR
25/ BRN
24A/PUR
ELECTRONIC INSTRUMENT PANEL
40/YEL
S-14
13MMM/BLK
M. BRUSH HYD. PRESSURE SWITCH
44/GRY
S-5
N.C.H.O.
13M/BLK
LOW L.P. FUEL
13T/BLK
SEPARATE
SHAKER RELAY
M4
23C/GRY
29/GRN
(L.P. ONLY)
13R/BLK
13S/BLK
L.P. GND.
WARNING LIGHT
M7
23D/GRY
75/BRN
15/BLU
N.O.
S-6
N.C.
C
OIL PRESSURE SWITCH
13B/BLK
16/GRN
HEADLIGHT RELAY
M6
23E/GRY
23G/GRY
60/GRN
13U/BLK
CHASSIS GROUND
FILTER INDICATOR LIGHT
23F/GRY
115/ORA
S-21
N. O.
FILTER INDICATOR SWITCH
HYDRAULIC FLUID FILTER
UNSWITCHED POWER FROM PAGE 1
THERMO SWITCH
S-11
OFF
ON
A/C CLUTCH
1G/RED
CB-8
30 AMP
9/ORA
30
M2
87
96/ORA
96B/ORA
S-15
SP1
SP2
SP3
CAB ENVIRONMENTAL FAN CONTROL
MTR
13DD/BLK
AIR CONDITIONER OPTION
96A/ORA
FAN SW
S-17
WINDSHIELD WIPER MTR
S-9
DOME LIGHT
13SS/BLK
CAB OPTION
1F/RED
CB-5
15 AMP
74/PUR
M7
76/ORA
ROTATING LIGHT
76A/ORA
13NNN/BLK
FLASHING LIGHT
76B/ORA
13TT/BLK
WARNING LIGHT OPTION
74A/PUR
S-18
FOOT SWITCH
93/ORA
93A/ORA
FLASHER
94/YEL
BACK-UP LIGHT
13QQ/BLK
SEPARATE
93B/ORA
BACK-UP ALARM UNIT
13NN/BLK
BACK-UP LIGHT OPTION
R.H. HEADLIGHT
74B/PUR
M6
62/YEL
62B/YEL
62F/YEL
13BBB/BLK
L.H. HEADLIGHT
HEADLIGHT OPTION
62A/YEL
62G/YEL
13AAA/BLK
13BB/BLK
74D/PUR
CURB LIGHT
62C/YEL
62H/YEL
13AA/BLK
S-16
74F/PUR
77/GRY
GRY/ BLK
BRAKE SWITCH
87/PUR
RUN LHT R.H.
13GG/BLK
RED
DIRECTIONAL SWITCH
GRN
BLK
GRY
88/GRN
91A/GRY
RUN LHT L.H.
13FF/BLK
SEPARATE
62E/YEL
TAIL LHT R.H.
13II/ BLK
74G/PUR
YEL
BLU
91/GRY
13KK/BLK
13L/BLK
79/ YEL
BRN "X"
FLASHER
YEL "L"
BLU "P"
80/BLU
62D/YEL
TAIL LHT L.H.
13JJ/ BLK
89A/BRN
89/BRN
GROUND LINE



LEGEND			
M	POWER RELAY	HM	HOURMETER
MTR	MOTOR	SV	SOLENOID VALVE
CB	CIRCUIT BREAKER	S	SWITCH
PM	PERMANENT MAGNET	ACC	ACCESSORY
J	JACK-FEM. SOCKET	GND	GROUND CHASSIS
P	PLUG-MALE PIN	C	COMMON
PB	PUSHBUTTON	N.O.	NORMALLY OPEN
VM	VOLTMETER	N.C.	NORMALLY CLOSED
FU	FUSE	NOV	METAL OXIDE VARISTOR

800/810 DIESEL



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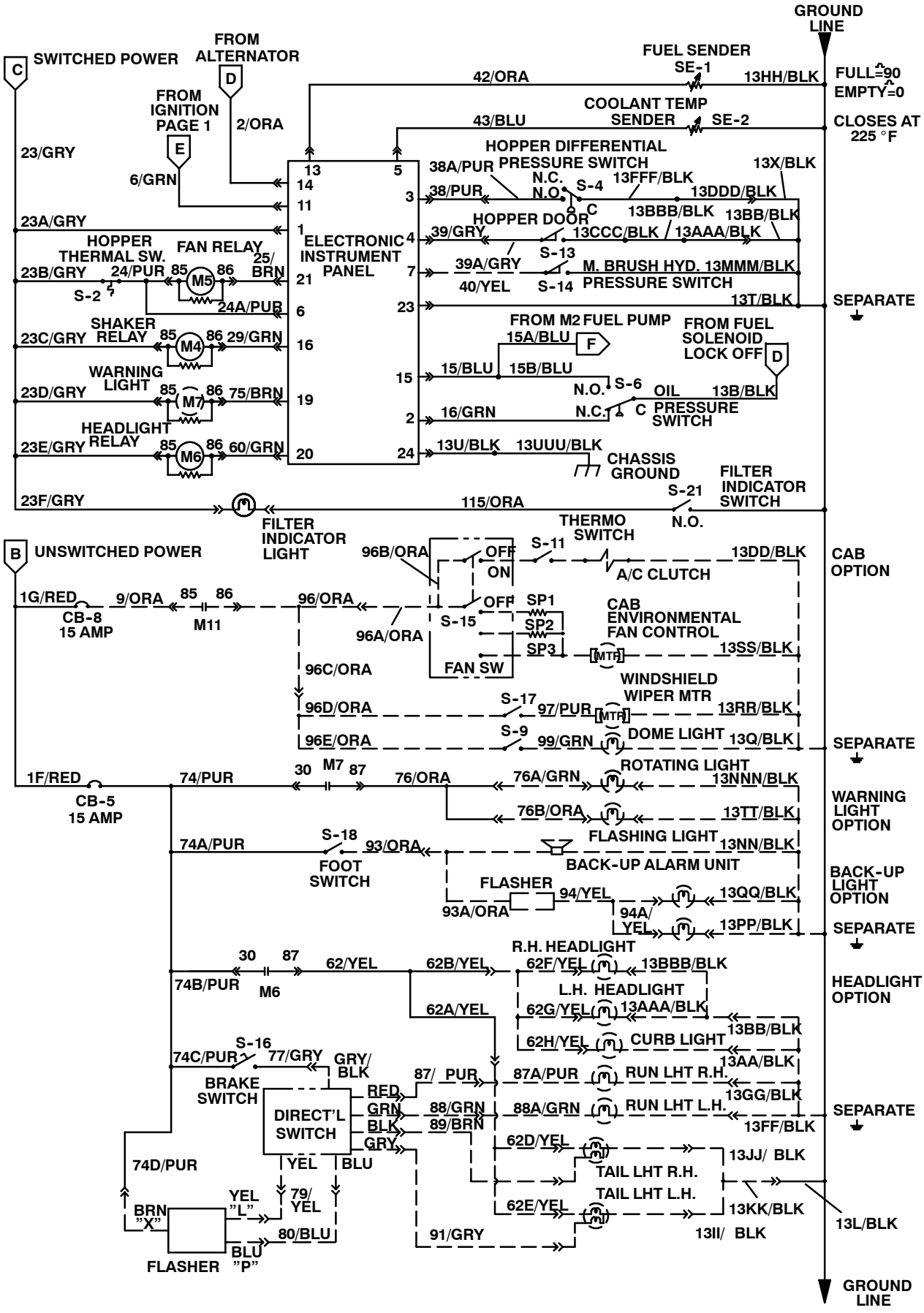
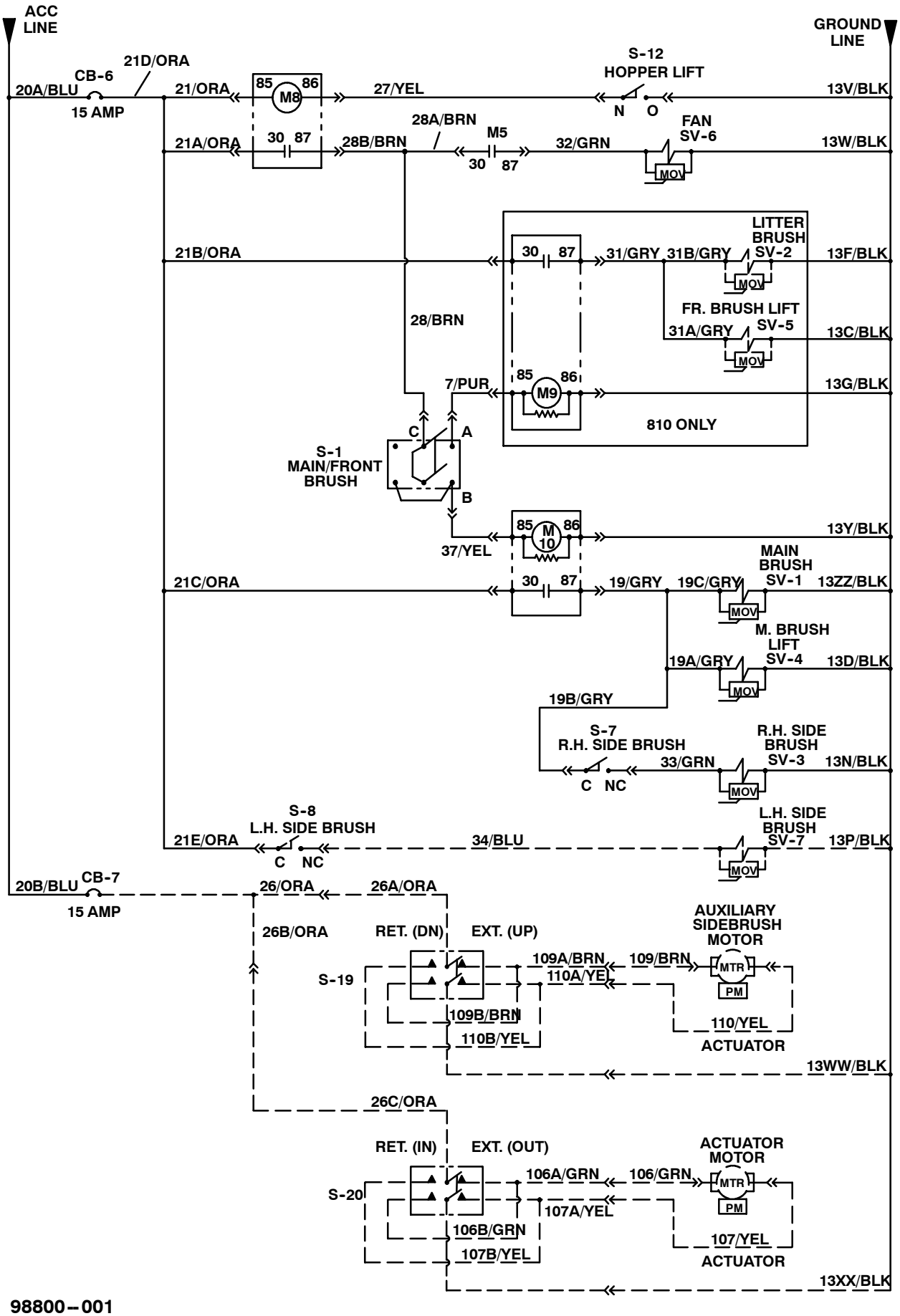
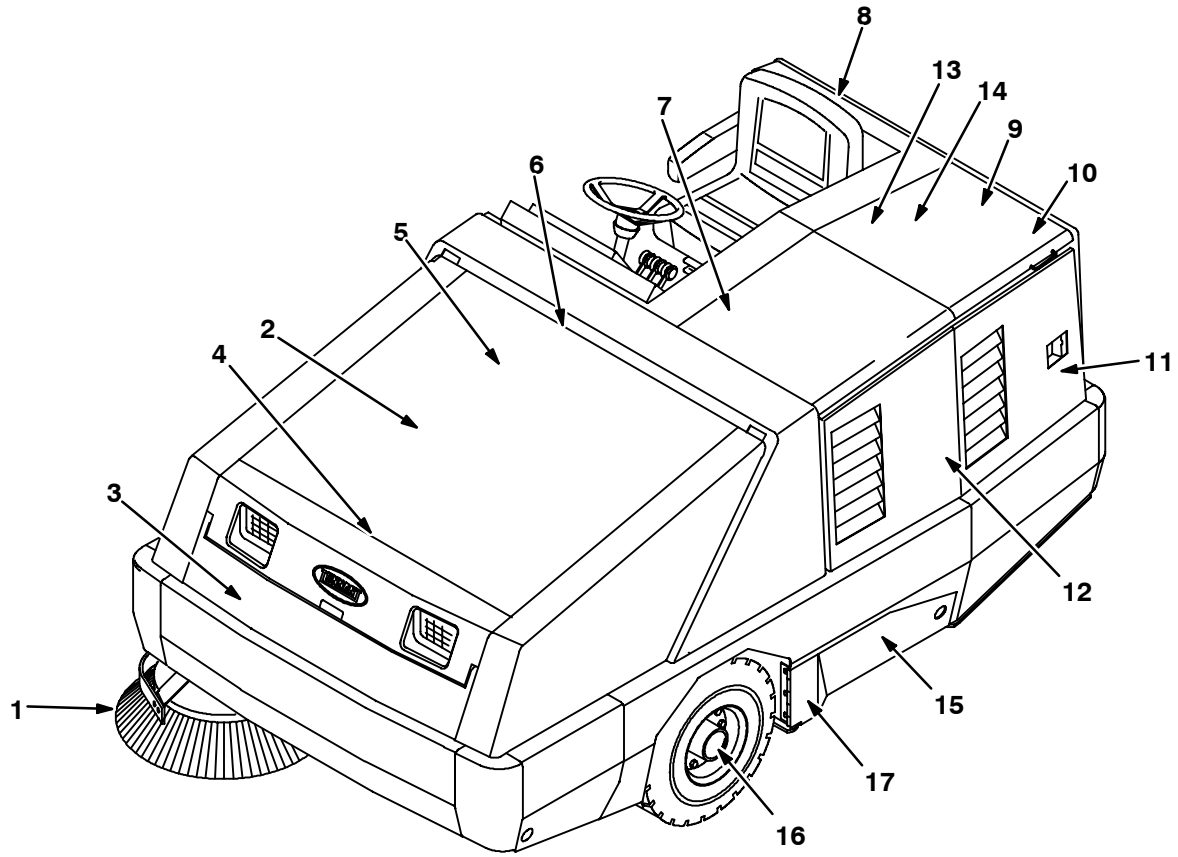

GROUND LINE
C SWITCHED POWER
FROM ALTERNATOR
D
FROM IGNITION PAGE 1
E
2/ORA
42/ORA
FUEL SENDER SE-1
13HH/BLK
FULL=90
EMPTY=0
COOLANT TEMP SENDER SE-2
43/BLU
CLOSES AT 225 °F
23/GRY
6/GRN
HOPPER DIFFERENTIAL PRESSURE SWITCH
38A/PUR
N.C.
N.O.
S-4
C
13FFF/BLK
13DDD/BLK
13X/BLK
38/PUR
13BBB/BLK
13BB/BLK
HOPPER DOOR
39/GRY
13CCC/BLK
13AAA/BLK
23A/GRY
HOPPER THERMAL SW.
FAN RELAY
25/
23B/GRY
24/PUR
85
86
M5
BRN
S-2
ELECTRONIC INSTRUMENT PANEL
39A/GRY
S-13
M. BRUSH HYD. PRESSURE SWITCH
13MMM/BLK
40/YEL
S-14
13T/BLK
SEPARATE
24A/PUR
SHAKER RELAY
23C/GRY
M4
29/GRN
FROM M2 FUEL PUMP
15A/BLU
F
FROM FUEL SOLENOID LOCK OFF
D
WARNING LIGHT
15/BLU
15B/BLU
23D/GRY
M7
75/BRN
N.O.
S-6
OIL PRESSURE SWITCH
13B/BLK
16/GRN
N.C.
C
HEADLIGHT RELAY
23E/GRY
M6
60/GRN
13U/BLK
13UUU/BLK
CHASSIS GROUND
23F/GRY
115/ORA
S-21
FILTER INDICATOR SWITCH
N.O.
FILTER INDICATOR LIGHT
THERMO SWITCH
B UNSWITCHED POWER
96B/ORA
OFF
ON
S-11
13DD/BLK
A/C CLUTCH
CAB OPTION
1G/RED
9/ORA
CB-8
15 AMP
M11
96/ORA
96A/ORA
S-15
SP1
SP2
SP3
CAB ENVIRONMENTAL FAN CONTROL
13SS/BLK
96C/ORA
FAN SW
WINDSHIELD WIPER MTR
S-17
96D/ORA
97/PUR
13RR/BLK
S-9
96E/ORA
99/GRN
DOME LIGHT
13Q/BLK
SEPARATE
1F/RED
CB-5
15 AMP
74/PUR
30
M7
87
76/ORA
ROTATING LIGHT
76A/GRN
13NNN/BLK
76B/ORA
13TT/BLK
WARNING LIGHT OPTION
S-18
74A/PUR
93/ORA
FOOT SWITCH
FLASHING LIGHT
13NN/BLK
BACK-UP ALARM UNIT
FLASHER
94/YEL
13QQ/BLK
BACK-UP LIGHT OPTION
93A/ORA
94A/YEL
13PP/BLK
SEPARATE
R.H. HEADLIGHT
30
87
62/YEL
62B/YEL
62F/YEL
13BBB/BLK
74B/PUR
M6
L.H. HEADLIGHT
HEADLIGHT OPTION
62A/YEL
62G/YEL
13AAA/BLK
13BB/BLK
S-16
62H/YEL
CURB LIGHT
74C/PUR
77/GRY
GRY/BLK
13AA/BLK
87/ PUR
87A/PUR
RUN LHT R.H.
BRAKE SWITCH
RED
GRN
BLK
GRY
DIRECT'L SWITCH
88/GRN
88A/GRN
RUN LHT L.H.
13GG/BLK
SEPARATE
89/BRN
13FF/BLK
62D/YEL
74D/PUR
YEL
BLU
TAIL LHT R.H.
13JJ/ BLK
BRN "X"
YEL "L"
79/YEL
TAIL LHT L.H.
62E/YEL
13KK/BLK
80/BLU
13L/BLK
91/GRY
13II/ BLK
BLU "P"
FLASHER
GROUND LINE

98800–001


ACC LINE
GROUND LINE
CB-6
15 AMP
20A/BLU
21D/ORA
21/ORA
85
86
M8
30
87
27/YEL
S-12
HOPPER LIFT
N
O
13V/BLK
21A/ORA
28B/BRN
28A/BRN
M5
32/GRN
FAN
SV-6
MOV
13W/BLK
21B/ORA
LITTER BRUSH
SV-2
31/GRY
31B/GRY
13F/BLK
28/BRN
FR. BRUSH LIFT
SV-5
31A/GRY
13C/BLK
7/PUR
M9
13G/BLK
810 ONLY
S-1
MAIN/FRONT BRUSH
C
A
B
M
10
37/YEL
13Y/BLK
21C/ORA
MAIN BRUSH
SV-1
19/GRY
19C/GRY
13ZZ/BLK
M. BRUSH LIFT
SV-4
19A/GRY
13D/BLK
19B/GRY
S-7
R.H. SIDE BRUSH
R.H. SIDE BRUSH
SV-3
33/GRN
13N/BLK
NC
S-8
L.H. SIDE BRUSH
21E/ORA
34/BLU
L.H. SIDE BRUSH
SV-7
13P/BLK
CB-7
15 AMP
20B/BLU
26/ORA
26A/ORA
26B/ORA
RET. (DN)
EXT. (UP)
AUXILIARY SIDEBRUSH MOTOR
S-19
109A/BRN
110A/YE
109/BRN
MTR
PM
109B/BRN
110B/YEL
110/YEL
ACTUATOR
13WW/BLK
26C/ORA
RET. (IN)
EXT. (OUT)
ACTUATOR MOTOR
S-20
106A/GRN
106/GRN
107A/YEL
106B/GRN
107B/YEL
107/YEL
ACTUATOR
13XX/BLK

98800–001

MAINTENANCE



07623

MAINTENANCE CHART

Interval	Key	Description	Procedure	Lubricant/ Fluid	No. of Service Points
Daily	12	Engine air filter	Check indicator	–	1
	12		Empty dust cap	–	1
	9	Engine crankcase	Check oil level	EO	1
	15	Radiator	Check coolant level	WG	1
			Clean screen	–	1
	15	Brush compartment skirts	Check for damage, wear and adjustment	–	6
	17	Hopper lip skirts	Check for damage, wear and adjustment	–	3
	15	Main brush	Check for damage, wear, and adjustment	–	1
			Check brush pattern	–	1
	1	Side brush	Check for damage, wear, and adjustment	–	1
			Check brush pattern	–	1
	2	Hopper dust filter	Shake	–	2

SPECIFICATIONS

Interval	Key	Description	Procedure	Lubricant/ Fluid	No. of Service Points
50 Hours	15	Main brush	Rotate end-for-end	–	1
	12	Engine fan belt	Check tension	–	1
	2	Hopper dust filter	Check or clean	–	2
100 Hours	8	Hydraulic fluid reservoir	Check fluid level	HYDO	1
	10	Hydraulic fluid cooler	Clean cooler fins	–	1
	9	Radiator	Clean core exterior	–	1
	7	Parking brake	Check adjustment	–	1
	15	Main brush and hopper seals	Check for damage or wear	–	12
	12	Engine crankcase	Change oil and filter element	EO	1
200 Hours	12	Engine	Steam clean exterior	–	1
	9	Radiator hoses and clamps	Check for tightness and wear	–	2
	14	Rear wheel support bearings	Lubricate	SPL	1
	3	Side brush pivot pins	Lubricate	DL	1
400 Hours	12	Fuel filter	Replace	–	1
	8	Hydraulic fluid reservoir	Change hydraulic fluid	HYDO	1
	11	Hydraulic fluid filter	Change filter element	–	1
	5	Brake master cylinder	Check fluid level	BF	1
800 Hours	9	Cooling system	Flush	WG	1
	8	Hydraulic reservoir	Replace filler cap	–	1
			Replace suction strainer	–	1
		Hydraulic hoses	Check for wear and damage	–	4549
	13	Battery	Clean and tighten battery cable connections	–	1
1600 Hours	16	Front wheel bearings	Check, lubricate, and adjust	SPL	2

LUBRICANT/FLUID

BF .... Brake fluid
DL .... Dry lubricant
EO .... Engine oil, SAE–CC/CD rated
HYDO . Tennant Company or approved hydraulic fluid
SPL ... Special lubricant, Lubriplate EMB grease (TENNANT part no. 01433–1)
WG ... Water and permanent-type ethylene glycol anti-freeze, –34° C (–30° F)