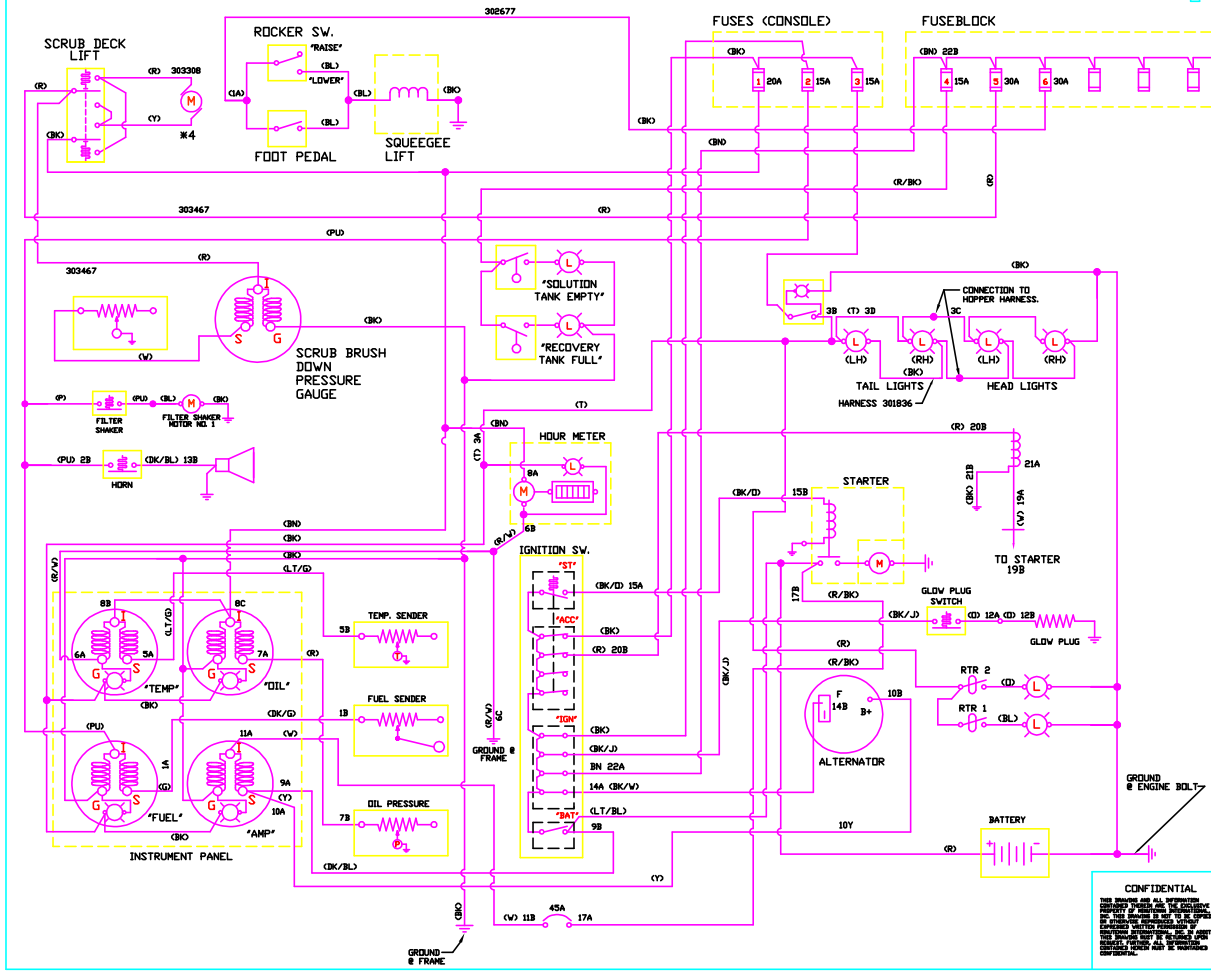
REV	ECN #	DATE	DESCRIPTION OF CHANGE-IS (WAS)	BY:
A	5916	2/11/00	RELEASED FOR PRODUCTION	SRE
B	6346	3/02/00	CHANGED DESCRIPTION	SRE

308837 B



NOTES:

1. NOMENCLATURE FOR WIRE COLORS:

Y = YELLOW	BK/V = BLACK WITH WHITE STRIPE
R = RED	R/V = RED WITH WHITE STRIPE
W = WHITE	PO = POWER
BL = BLUE	BK/J = BLACK JUMPER
BK = BLACK	LT/BL = LIGHT BLUE
BN = BROWN	LT/G = LIGHT GREEN
G = GREEN	BK/R = BLACK WITH RED STRIPE
GR = GREY	DK/BL = DARK BLUE
O = ORANGE	
PU = PURPLE	
T = TAN	

Y/W = YELLOW WITH WHITE STRIPE (TYPICAL NOMENCLATURE FOR STRIPED WIRE).

2. ACTUAL COMPONENT. TEXT INSIDE THIS BOX IS TYPICALLY STAMPED ON COMPONENT.
3. GROUPING OF RELATED COMPONENTS.

#4. MECHANICAL CLUTCH END-OF-STROKE PROTECTION

5. ALL SWITCHES SHOWN IN OFF POSITION.
6. 302677 HARNESS HYD. SQGE. LIFT
7. 303467 HARNESS IGNITION "JUMPER"
8. ROCKER SWITCH #308515
9. TAIL LIGHT HARNESS #301836
10. HYD. SQ. LIFT HARNESS #302677
11. HD. MER. SWITCH #301736

LINE	END	WIRE COLOR	TERM. PT. NO.	WIRE Ga.	DESCRIPTION
1	1A	BK/GREEN	1/4 FEM. SPADE	14	FUEL GUAGE (E)
	1B		#10 RING		FUEL SENDER
2	2A	PURPLE	1/4 FEM. SPADE	14	FUEL GUAGE (I)
	2B		1/4 FEM. SPADE		SWITCH-HORN (LOWER)
	2C		1/4 FEM. SPADE		SWITCH-FILTER (LOWER)
	2D		1/4 FEM. SPADE		20 AMP FUSE (LOWER)
	2E		□		OPTION POWER
3	3A	TAN	1/4 FEM. SPADE	14	GUAGE-LIGHTS POWER
	3B				SWITCH-LIGHT (LOWER)
	3C		□		TAIL LIGHTS-POWER
	3D		⊕		HEAD LIGHTS-POWER
4	4A	PINK	1/4 FEM. SPADE	14	SWITCH-LIGHTS (CENTER)
	4B		1/4 FEM. SPADE		10 AMP FUSE #4 (LOWER)
5	5A	LT/GREEN	1/4 FEM. SPADE	14	WATER TEMP. GUAGE (S)
	5B		#10 RING		WATER TEMP. SENDER
6	6A	RED/WHITE	#10 RING	14	WATER TEMP. GUAGE GROUND
	6B		1/4 FEM. SPADE		HOURMETER (-)
	6C		1/4 RING		GROUND
7	7A	RED	1/4 FEM. SPADE	14	OIL PRESSURE GUAGE (S)
	7B		#10 RING		OIL PRESSURE SENDER
8	8A	BROWN	1/4 FEM. SPADE	14	HOURMETER
	8B		1/4 FEM. SPADE		WATER TEMP. GUAGE (I)
	8C		1/4 FEM. SPADE		OIL PRESSURE GUAGE (I)
	8D		1/4 FEM. SPADE		10 AMP FUSE #3 (LOWER)
9	9A	BK/BLUE	1/4 FEM. SPADE	12	AMMETER (S-I)
	9B		1/4 FEM. SPADE		IGNITION SWITCH (BAT.)
10	10A	YELLOW	1/4 FEM. SPADE	12	AMMETER (S-S)
	10B		1/4 RING		ALTERNATOR (B)
11	11A	WHITE	1/4 FEM. SPADE	12	AMMETER (I)
	11B		1/4 FEM. SPADE		#5 AMP FUSE #1 (LOWER)
12	12A	ORANGE	1/4 FEM. SPADE	12	GLOW SWITCH
	12B		#10 RING		GLOW PLUG
13	13A	BK/BLUE	1/4 FEM. SPADE	14	SWITCH-HORN (UPPER)
	13B		1/4 FEM. SPADE		HORN
14	14A	BLACK/WHITE	1/4 FEM. SPADE	14	IGNITION SWITCH (ACC)
	14B		△		ALTERNATOR DISCONNECT (F)
15	15A	BLACK/ORANGE	1/4 FEM. SPADE	12	IGNITION SWITCH (STARTER)
	15B		1/4 FEM. SPADE		STARTER SOLENOID
16	16A	PURPLE/WHITE	1/4 FEM. SPADE	14	SWITCH-FILTER (UPPER)
	16B		⊕		FILTER SHAKER (POWER)
17	17A	BLACK/RED	1/4 FEM. SPADE	12	45 AMP FUSE #1 (SIDE)
	17B		5/16 RING		STARTER (BATT. TERM)
18	18A	BLACK	5/16 RING	14	GROUND
	18B		⊕		LIGHT/FILTER GROUND
19	19A	WHITE	#	12	FUEL SHUT OFF SOL. CONN.
	19B		1/4 MALE SPADE		STARTER SOLENOID (WHITE)
20	20A	RED	#	12	FUEL SHUT OFF SOL. CONN.
	20B		1/4 FEM. SPADE		IGNITION SWITCH (ACC)
21	21A	BLACK	#	12	FUEL SHUT OFF SOL. CONN.
	21B		5/16 RING		GROUND AT PUMP MNT.
22	22A	BROWN/WHITE	1/4 FEM. SPADE	12	IGNITION SWITCH (SW.)
	22B		1/4 FEM. SPADE		FUSE PANEL (POWER)

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SOURCE:
PN:
MATL:
FINISH:
UNSPECIFIED TOLERANCES
.X ±.1 ANGULAR
.XX ±.03 X ±°
.XXX ±.010 .X ±.5°
DES. ENG: B. MORRISON
ENG. REL:

Minuteman PowerBoss
175 Anderson Street
Aberdeen, NC 28315
PHONE (910) 944-2106
FAX (910) 944-7409

CAD BY: S.ERDH
DATE: 2/11/00
DESCRIPTION: ELEC. SCHEM. TSS/ISS/CSS 82 DIESEL SERIES
PART NO. 308837
REV LEV B
SHT NO. 1 OF 1