CONFIDENTIAL

THIS DRAWING AND ALL INFORMATION CONTAINED THEREIN ARE THE EXCLUSIVE PROPERTY OF MINUTEMAN INTERNATIONAL INC. THIS DRAWING IS NOT TO BE COPIED OR OTHERWISE REPRODUCED WITHOUT EXPRESSED WRITTEN PERMISSION OF MINUTEMAN INTERNATIONAL, INC. IN ADDITION, THIS DRAWING MUST BE RETURNED UPON REQUEST. FURTHER, ALL INFORMATION CONTAINED HEREIN MUST BE MAINTAINED CONFIDENTIAL.

TITLE		SCALE
SCHEMATIC, MAX RIDE ROBOT CE		NTS
MATERIAL	FINISH	
SEE NOTES	SEE NOTES	

TOLERANCES (UNLESS OTHERWISE SPECIFIED)			
.000 ± .005	SIZE	DRAWN BY KHH	DATE 7/27/20
.00 ± .010	D	CHECKED BY KHH	DATE 7/27/20
ANGLES ± 30'			

REV	E.C.N.	DATE	CHANGE	BY	CHK BY

Minuteman International
1480 US. ROUTE 20
PAGREE GROVE, IL 60140

P.N. 7451306CE REV A
SHEET OF

STEERING MOTOR 246091-1

FERRITE BEAD 748216

MOTOR AMPLIFIER MODULE

START/PAUSE REAR SWITCH 246121-1

E-STOP REAR SWITCH 246123-1

E-STOP FRONT SWITCH 246123

BRAIN AUTONOMY MODULE

MODULE POWER

PEDESTAL GROUND STUD

THROTTLE PEDAL ASSY 748507

AMBER BEACON 246801-1

HORN/BACK UP ALARM 748200

SOLUTION TANK LEVEL SWITCH 246805-1

RECOVERY TANK LEVEL SWITCH 354445

DRIVE WHEEL 748525-2

BRAKE ACTUATOR 740822-1

BRUSH ACTUATOR 740822-1

SQUEEGEE ACTUATOR 740827-1

BRUSH MOTOR 245231

VACUUM MOTOR ASSY 245499-1

VACUUM MOTOR 245499

TRACTION 40AMP 247604

BRUSH 40AMP 247604

VACUUM 40AMP 247604

STEERING MOTOR 10.0AMP 741400

MAIN/AUTO CONTROL 10.0AMP 741400

MAIN/AUTO SWITCH 247102

MAIN RELAY 246636 FRONT

DIODE 740482

DIODE 742216

STANDOFF 741013

BATTERY SWITCH 748012

CONTROL CB 2.0AMP 746035

WATER VALVE 741299-2

KEYSWITCH ASSEMBLY 747399

KEYSWITCH 748532

KEYSWITCH OPERATION

SEAT SWITCH N/O 746011

CONTROLLER 748526

OEM DASHBOARD MODULE 1

RELAY NUT COVER

MAIN RELAY: M8 TORQUE TO 6-9.5Nm

RELAY TERMINALS ARE METRIC

FRONT OF MACHINE

X1

P1 P2 P3 P4

M1 M2 M3

CB1 CB2 CB3 CB4 CB5 CB6

F1

18G BLACK
18G RED
26G BROWN
26G RED
26G ORANGE
26G GREEN
26G YELLOW
18G GREY
18G PURPLE
18G BLUE
42 WHT
41 GRN
40 BLK
39 RED
WHT 246121-5
GRN 246121-4
RED 246121-3
BLK 246121-2
38 RED/BLK
RED/BLK 246123-3
RED/YEL 246123-2
18 RED/YEL
17 RED/WHT
16 BRN/BLK
15 RED
14 BLK/RED
13 RED/WHT
12 BLK/RED
11 WHT/YEL
10 YEL/RED
9 BLK/RED
8 BLK (2)
7 BLK (1)
6A BLK
5A BLK
4 BLK
3 RED
2 BLK
1 RED
44-BLK
45-GRN
43-RED
37A RED/ORG
37B RED/ORG
37 RED/ORG
36 BLU/YEL
35 ORG/BLU
34 ORG/BLU
33 ORG/BLU
32 BLK/RED
31 BLK/WHT
30 BLK/PNK
29 BLK/RED
28 BLK/RED
27 BLK/RED
26 WHT/ORG
25 ORG/WHT
24 GRY/BLK
23 GRY/RED
22 YEL/ORG
21 YEL/BLU
20 BLU/ORG
19 BLU/GRN
WHT 747213
RED 747264
RED 747260
BLK 747263
BLK 747267
BLK 747261
RED 747262
BLK 747253
RED 747215
RED 747216
BLK 747214-2
RED 747214-1
BLK 747214
BLK 747259-2
RED 747259-1
BLK 747229-2
RED 747229
BLK 747399-1
RED 747399-2
BLK/RED 747399-3
RED/WHT 747399-4
RED/WHT 747399-5
RED/WHT 747399-6
WHT 747340
BLACK 740166
RED 740167
RED 740164
RED 740159