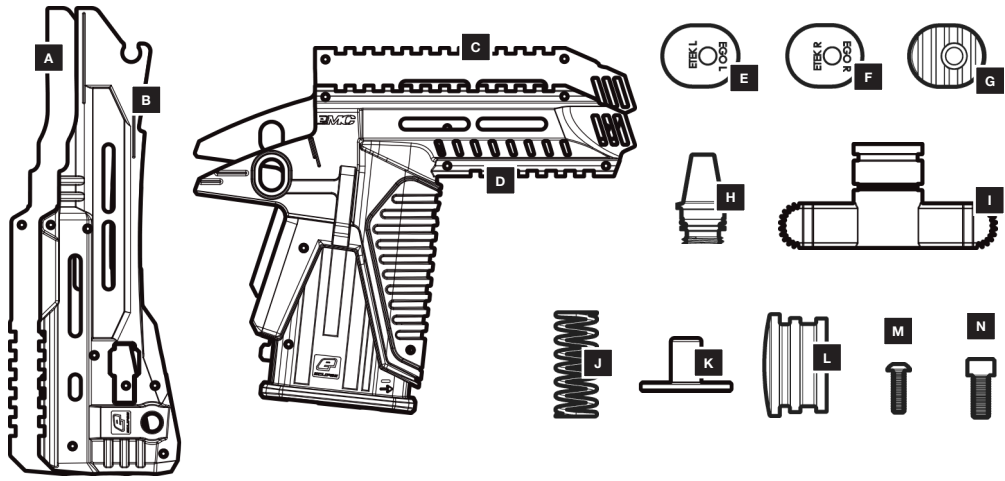


ECLIPSE EMC GEMINI RAIL MOUNTING KIT



MAN0022V1-EN



KIT CONTENTS

A x1	Rear Left Shell	L x1	Stock Plug
B x1	Rear Right Shell	M x13	6-32 x 1/2" Button Head Screw
C x1	Front Left Shell	N x2	10-32 x 1/2" Cap Head Screw
D x1	Front Right Shell		
E x1	Left Axle Block		
F x1	Right Axle Block		
G x2	Axle Cap		
H x1	EMC Rammer Cap		
I x1	Shuttle		
J x1	Shuttle Spring		
K x1	Spring Stem		

Tools and Parts Required

3/16" Hex Key	HEX 5/32
5/32" Hex Key	HEX 3/16
5/64" Hex Key	HEX 5/64
Tube of Eclipse Grease	
Bottle of Eclipse Oil	

WARNING!

De-gas your marker, discharging any stored gas in a safe direction, and remove the barrel, loader, air system and any paintballs to make the marker easier and safer to work on. Improper installation, misuse, illegal use or modification of this product or any attached 3rd party products may result in serious injury or death. Make sure to fully clean any paint residue from your rail kit immediately after use to avoid potential damage to the surface finish.

If you plan to use any 3rd party bolt on rail sections with this kit, these need to be installed before attaching the EMC Gemini shells to the Planet Eclipse marker.

1A FRONT SHELL ASSEMBLY (EGO LV1/ EGO LV1.1)

Note: Install additional 3rd party rails to the front shell barrel shroud before mounting the shells onto the marker.

FIG 1.0 Insert the left axle block **E** through the inside face of the front left shell. The text on the back of the axle block must read EGO L the correct way round (i.e. not upside down)

FIG 1.1 Holding the left axle block **E** in the front left shell, place an axle cap **G** over the axle block. Screw the three parts together with a 10-32 x 1/2" cap head screw **N** using a 5/32" hex key.

Repeat for the right side, making sure the axle block reads EGO R when inserting into the front right shell.

FIG 3.0 Place the front left and right shells around the Ego LV1/LV1.1, holding together firmly, screw the two pieces together with seven 6-32 x 1/2" button head screws **M** using a 5/64" hex key.

1B FRONT SHELL ASSEMBLY (ETEK5)

Note: Install additional 3rd party rails to the front shell barrel shroud before mounting the shells onto the marker.

FIG 2.0 Insert the left axle block **E** through the inside face of the front left shell. The text on the back of the axle block must read ETEK L the correct way round (i.e. not upside down).

FIG 2.1 Holding the left axle block **E** in the front left shell, place an axle cap **G** over the axle block. Screw the three parts together with a 10-32 x 1/2" cap head screw **N** using a 5/32" hex key.

Repeat for the right side, making sure the axle block reads ETEK R when inserting into the front right shell.

FIG 3.0 Place the front left and right shells around the ETEK5, holding together firmly screw the two pieces together with seven 6-32 x 1/2" button head screws **M** using a 5/64" hex key.

2 REAR SHELL ASSEMBLY

Note: Install additional 3rd party rails to the rear shells before assembly.

FIG 4.0 Add a small amount of Eclipse Oil to the o-ring on the shuttle to aid the shuttle to move and engaging the rammer cap when fully assembled.

FIG 5.0 Insert the shuttle **I** into the left side rear shell, and then slide the shuttle forward in the shell.

FIG 5.0 Insert the spring **J** and spring stem **K**, depress the spring and insert the stem into the groove shown in **5.1**.

FIG 5.0 Insert either the stock plug **L** (supplied) or a 3rd party stock* (sold separately) into the groove shown in **5.1**.

* THE EMC GEMINI SHELLS ACCEPT MOST BT-4™/MODEL-98™ ADJUSTABLE CAR STYLE STOCKS. SOME 3RD PARTY BT-4™/MODEL-98™ STYLE STOCKS MAY NOT FIT PERFECTLY IN THE EMC GEMINI SHELLS AND SOME MODIFICATION MAY BE REQUIRED TO ACHIEVE A TIGHT FIT. WE SUGGEST USING A THIN LAYER OF ELECTRICAL TAPE OR SIMILAR ON THE GROOVED SECTION OF THE STOCK TO ENSURE A TIGHT FIT IN THE SHELLS.

FIG 6.0 Place the rear right shell over the shuttle arm. Then push the two rear shells together, screw the two shells together with six 6-32 x 1/2" **M** button head screws with a 5/64" hex key.

Note: Check that the shuttle slides backwards and forwards.

3 RAMMER CAP ASSEMBLY

WARNING! ENSURE THE MARKER IS FULLY DEGASSED BEFORE PROCEEDING WITH THIS STEP OF THE EMC GEMINI INSTALLATION.

FIG 7.0 Unscrew the Ego LV1 / Ego LV1.1 / Etek5 rammer cap currently installed in the marker. A 3/16" hex key may be required if the rammer cap is tight in the marker.

FIG 8.0 Add a small amount of grease/oil to the external o-ring **8.1** on the rammer cap. Lubricate the rammer bumper inside the rammer cap **8.2** with a small amount of oil.

WARNING! DO NOT USE GREASE TO LUBRICATE THE RAMMER BUMPER.

FIG 8.0 Screw the EMC rammer cap assembly **H** into the marker using a 3/16" hex key.

4 ATTACHING THE REAR SHELL ASSEMBLY TO THE MARKER

FIG 9.0 Slide the rear assembly into the front assembly making sure that the guide marks on the front and rear assemblies are aligned **FIG 10**.

FIG 11 Rotate the rear shells down to the back of the marker. If there is a gap as illustrated between the front and rear shells then the rear shells are not attached to the front shell correctly. Repeat the previous step making sure the rear shells are pushed fully into the front shells so the rear shell engages with the axle inserts.

FIG 12 When the rear shells will not rotate any further, pull back on the shuttle and release it over the rammer cap to lock the rear shells in place.

Attach the barrel. The EMC Gemini kit has now been installed.

5 REMOVING THE REAR SHELL ASSEMBLY

When the EMC Gemini Kit is fully installed the bolt, rammer and breach sensor (BBSS) assemblies cannot be accessed for maintenance. The rear shells can be quickly removed to allow access to these three areas of the marker for any required maintenance.

WARNING! FIRSTLY TURN OFF AND DEGAS THE MARKER, THEN REMOVE THE LOADER.

FIG 12 Pull and hold back on the shuttle, raise the rear shells up until the shuttle clears the EMC rammer cap. The shuttle can then be released.

FIG 10 Continue lifting the rear shells up until the double angled lines on the front shells align with the top horizontal lines on the rear shells.

FIG 9.0 Keeping the rear shells at this angle, pull the rear shells up and out of the front shells.

The bolt, rammer and breach sensor assemblies are now accessible.

Note: To access the other internal areas of the marker for maintenance, the front shells will also need to be removed.

