

INSTRUCTIONS

Updated 2/18/05

Thank you for purchasing the Gorilla Maxx G2 X-Brace Chassis. These instructions detail the basic steps required for installation on a stock E-Maxx Truck. We have also provided references to alternate configuration options for drivers with modified set-ups.

Please read all instructions carefully and have your E-Maxx owner's manual handy for reference.

Required Tools

- 1.5mm, 2.0mm and 2.5mm Metric Hex Screwdrivers
- Phillips Head Screwdriver
- 5.0mm Socket Wrench (Included with E-Maxx)
- Small pliers
- Utility Knife
- Blue Thread-Lock

Important:

Use thread-lock on all screws in metal components.

List of Parts

- (01) Instructions
- (01) Decal Sheet
- (02) Foam Cell Pads

- (01) Chassis Plate
- (01) Servo Plate
- (01) Rear Plate
- (02) X-Braces

- (02) Battery Straps
- (08) Bonded Washers
- (02) Nylon Steering Post Spacers

- (02) M2x4mm Socket Screws
- (34) M3x8mm Flathead Screws
- (04) M3x12mm Flathead Screws
- (10) M3x12mm Socket Screws
- (02) M3x18mm Socket Screws
- (16) M3 Lock Nuts
- (04) M3 Washers

Step 1

Disassemble your E-Maxx.

❑ Disconnect the Electronics

Remove the EVX, on/off switch, receiver (Rx) and antenna. Disconnect the steering servo linkage from the bellcrank and the shifting rod from the shifting servo horn. Remove both servos.

❑ Remove the Transmission

Disconnect the front and rear center drive shafts by removing the pin screws near the transmission. Remove the (8) screws attaching the braces to the transmission and lift out transmission/motor assembly.

❑ Remove Chassis & Braces

Lift off the chassis by removing the (2) screws that attach the chassis to the steering bellcrank posts and the (8) screws that attach it to the bulkheads. Remove the (8) screws attaching braces to the front and rear skids. (Note: Keep front and rear suspension assemblies intact)

Step 2

Install your new chassis.

❑ Upper Plates and X-Braces

Attach the servo plate (front upper plate) and the rear upper plate to the top ends of the X-Braces with (8) M3x8mm flathead screws (**longer brace leg faces rear**).

❑ Front and Rear Assemblies

Slip the nylon steering spacers over the bellcrank posts on the front suspension assembly. Using (10) M3x8mm flathead screws, connect servo plate to front bulkheads and bellcrank posts, and the braces to the front skid. Connect rear plate and braces to rear bulkheads and skid using (8) M3x8mm flathead screws.

❑ Reinstall Transmission

Align the transmission and motors over center brace holes so that the spur gear faces the rear. Attach with the (8) original screws from below the braces. Reconnect the center drive shafts to the transmission using the original pin screws.

Step 3

Install Electronics.

❑ Reconnect EVX and Switch

Attach the EVX using (2) M3x18mm socket screws to the rear deck (Use lock nuts on carbon fiber chassis). Attach the switch adjacent to the EVX in slot provided using (2) M2x4mm socket screws. (Note: Alternate EVX mounting hole locations include - the back end of the rear plate or on the center of the servo plate)

❑ Install the Servos

Install the steering servo from above the servo plate with the head facing down and to the rear of the truck. Re-use original screws or (4) M3x12mm socket screws with lock nuts provided. (Note: M3x12mm screws allow for extra length when using rubber grommets included with many aftermarket servos). Reconnect steering linkage to the bellcrank arm using the original fasteners.

Install the shifting servo similar to the steering servo. This is also attached upside down from the top, but with head towards the front. Install shift rod upside-down from its original position and reconnect to the servo horn (you may need to straighten the rod end to fit).

Check and adjust the range of motion and the direction of the movement on the servos. Verify clearance on shifting rod and steering arms. Use reversing switches on your transmitter or re-program if required (Refer to your owners manual)

❑ Reconnect Rx and Antenna

Attach receiver (Rx) with (2) M3x12mm socket screws (use lock nuts on carbon fiber chassis) on the front servo plate. (Note: Alternate location on rear plate). Cut a small hole 1" above the bottom on the antenna tube to insert antenna wire (Important: never cut the antenna wire) Attach the bottom of the antenna tube to the servo plate at any open screw hole using one of the original self-tapping screws from EVX's on/off switch. Leave a bit of slack on the wire to avoid damage. (Note: An aftermarket antenna mount can also be used – not included)

Step 4

Install Chassis Plate.

❑ Install Lower Plate

Align chassis plate so that the transmission opening in the center coordinates with the transmission on the braces. Use (8) M3x8mm flathead screw to connect to the bottom of the braces.

❑ Install Foam Cell Pads

Remove excess foam, and backing from pads. Align pad tight to edge of brace and centered over chassis plate. Press in place. (Optional) Clean off exposed adhesive with denatured alcohol or body wash cleaner.

❑ Battery Straps

Attach strap ends to chassis with (4) M3x12 flathead screws, washers and nuts as show on the diagram. The neoprene surface of the bonded washers should face the Velcro. Lace the strap through the center slot near the last cell as required to avoid cell shifting (see diagram sheet). Pull tight on the strap to secure cells. (Carbon fiber chassis is not intended for use with stick packs)

Important: Avoid any direct contact to metal or carbon fiber surfaces with battery ends. Sand or ease any sharps edges in contact with cells.

Step 5

Final Adjustments.

❑ Adjust Your Suspension

(Optional) Make adjustment to your ride height, shocks and body post to fit the new lower center of gravity chassis.

❑ Install the Body

This chassis wheelbase is about 1/4" longer than the original. If you are using the original body, you may need to elongate one set of the mounting holes.

For questions or comments email us at: mail@gorillamaxx.com