

## How To Install the Twin Hammers Shift Servo Plate

### Parts Included:

- (1) Shift Servo Plate
- (1) M3 x 8mm Socket Head Screw
- (1) M3 x 8mm Flat Head Screw
- (1) M3 x 16mm Socket Head Screw
- (1) M3 Hex Nut

### Tools Needed:

- 1.5mm, 2.0mm and 2.5mm hex drivers
- 5.5mm Nut Driver or t-wrench
- 3.3mm or 1/8" (.125") drill bit
- Drill

### Parts Required (not included):

- (2) Standard Servo Mounts (stock plastic Axial servo mounts work well)

Vaterra Servo Horn - If the servo you plan on using is not 25 spline  
(Vaterra p/n VTR232007 includes 23, 24 & 25 spline horns)

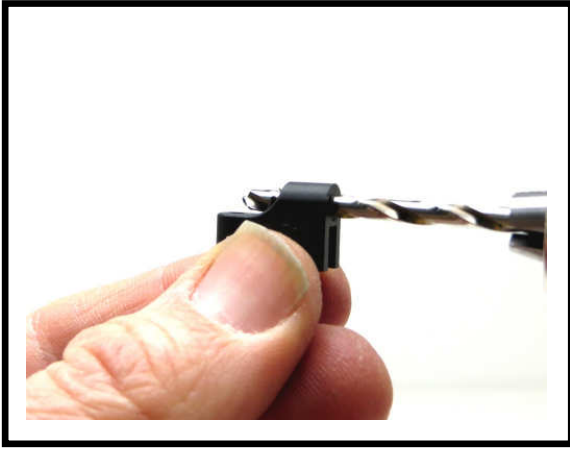
- (4) M3 Servo Screws (that came with Twin Hammers, installed on stock shift servo)

### Instructions

1. Remove roof, interior and driver's side body panels. Remove screw from front windshield brace and rotate the brace down out of your way.
2. Remove stock shift servo, reserving the (4) M3 for later. Remove servo horn from stock servo.
3. Remove ball stud from servo horn. Install M3 hex nut on ball stud. Install stock (25) horn or install in a new horn to match your servo.



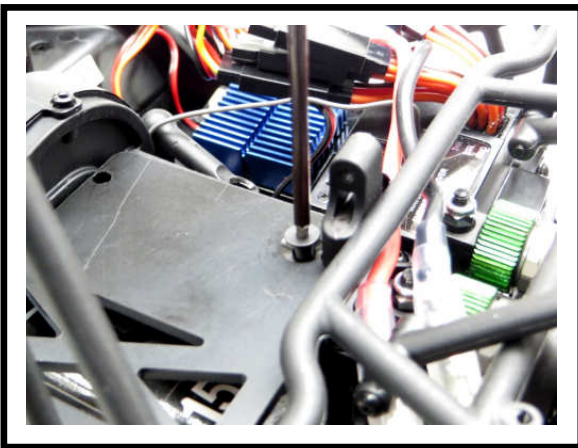
- Using a drill and 3.3mm or 1/8" drill bit, drill all the way through one of the two servo mounts (you provided).



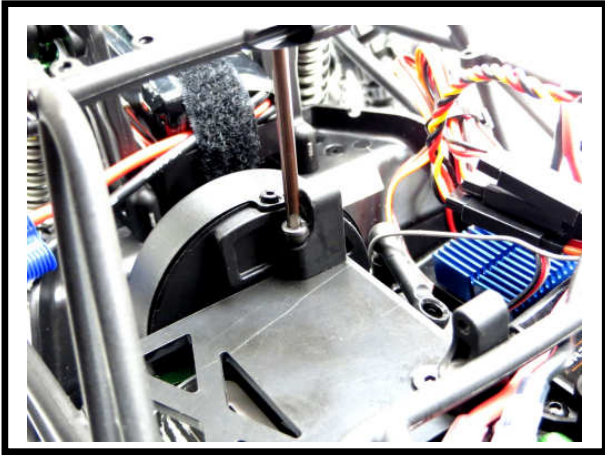
- Install this drilled out servo mount to the servo nearest the servo output shaft. Run **M3 x 16mm Socket Head Screw** through servo mount and through **Shift Servo Plate**.
- Loosely install unmodified servo mount. Tighten **M3 x 8mm Socket Head Screw** through bottom of Shift Servo Plate, making sure both servo mounts are the properly spaced for your servo.



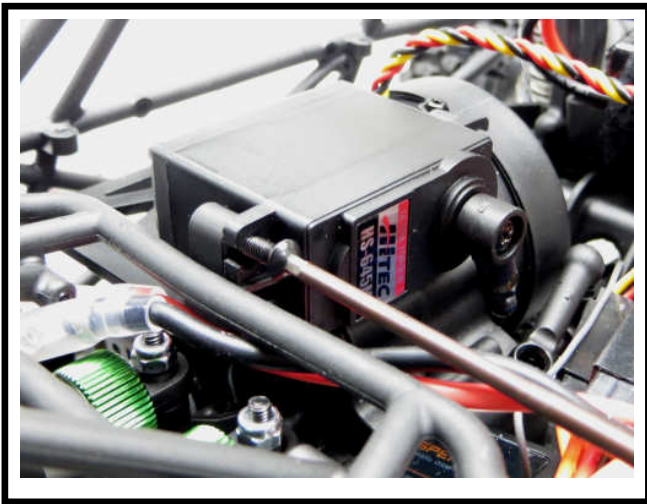
- Remove servo and drilled-through servo mount from Shift Servo Plate.
- Install Shift Servo Plate into top of transmission using **M3 x 8mm Flat Head Screw**.



9. Install drilled-through servo mount through Shift Servo Plate and into transmission.



10. Mount Servo to servo mounts, reusing the(4) M3 screws that came with the Twin Hammers.



11. Reinstall servo horn to shift linkage. Go to: <http://tinyurl.com/shiftservo> for instructions for setting travel and spacing.

12. Reinstall windshield brace, roof, body panels and interior.

13. Enjoy!