



Velocity 15 Slide Valve Carb Throttle Linkage Instructions

- ❑ 1. You must purchase a straight servo horn like the one shown, to install the slide valve carburetor.
- ❑ 2. Thread ball cup onto the end of the straight throttle linkage rod.
- ❑ 3. Install the rod connector into the outer hole of the servo horn. It may be necessary to enlarge the hole with a hobby knife or 2mm (3/32") drill bit. Place a small amount of thread lock onto the rod connector then place the washer and 2mm nut onto the bottom of the rod connector. **Note:** Do not overtighten the nut, the rod connector must swivel freely.
- ❑ 4. Place a small amount of thread lock onto the 3mm set screw, then install it into one of the 2mm collars. Then slide the 2mm collar onto the straight throttle linkage. **Note:** Do not tighten the set screw yet.
- ❑ 5. Slide the throttle linkage spring against the 2mm collar you just installed.
- ❑ 6. Slide the straight linkage rod through the linkage rod connector in the servo horn. Place a small amount of thread lock onto the 3mm set screw, then partially install the set screw into the other 2mm collar, then slide the 2mm collar onto the end of the rod.
- ❑ 7. Install the Z-bend end of the brake linkage rod into the bottom of the servo horn as shown. The brake rod should be installed into the opposite outer hole from the carburetor linkage rod. It may be necessary to enlarge the hole with a hobby knife, or 2mm (3/32") drill bit.
- ❑ 8. Slide the threaded end of the brake linkage rod through the brake lever. Re-install the small piece of fuel tubing, then the quick adjust brake adjuster.
- ❑ 9. Snap the ball cup on the end of the throttle linkage rod onto the ball on the carburetor.
- ❑ 10. Turn the transmitter and receiver on, then center the throttle trim. Place the throttle horn onto the servo as shown in diagram 2.
- ❑ 11. Slide the 2mm collar next to the throttle linkage spring against the rod connector, then lightly compressing the spring tighten the set screw in the 2mm collar.
- ❑ 12. Slide the other 2mm collar against the rod connector and tighten the set screw.
- ❑ 13. Adjust the brakes by threading the quick adjuster one way or the other. By threading the quick adjuster toward the brake rod will make the brakes come on harder, and by threading the quick adjuster away from the brake rod will make the brakes softer. **Note:** Make sure that when the car is at idle the car moves freely, and when the brakes are applied the car does not move.

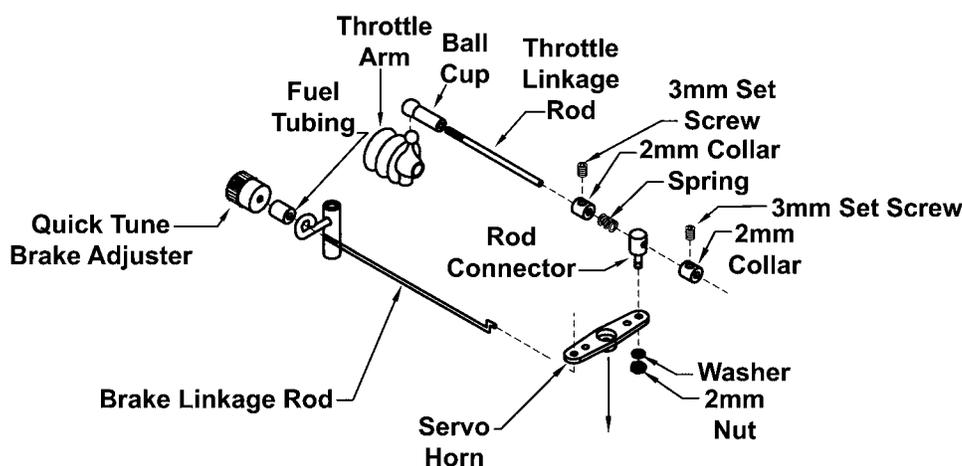


Diagram 1

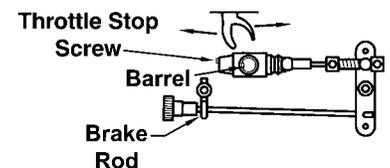


Diagram 2