

ProTunerz

Tune it right, like a Professional

Thank you for choosing the ProTunerz Throttle Cable Kit! Prior to commencing any work, we recommend thoroughly reviewing these instructions. Our kit provides two different connections for both the pedal and the Throttle Body (TB) to accommodate a wide range of TB/Engine configurations.

Step 1: Pedal Connection

Begin by removing/disconnecting all stock mechanical linkage, including the gas pedal, from the chassis.

Method A: "Quick Disconnect"

- Drill out the rivet securing the stock ball to the pedal.
- Attach the receiver with a 5/16" ball to the pedal, ensuring the ball is facing the same direction as before. Tighten the nylock nut. NOTE 280Zx faces to the left 240z-280z faces to the right.
- Cut end of the cable with the lead lug, install it into the receiver, and lock the set screw.
- Reinstall the pedal with the cable attached, but do not feed the cable through the firewall yet.



**Receiver
Install at pedal**

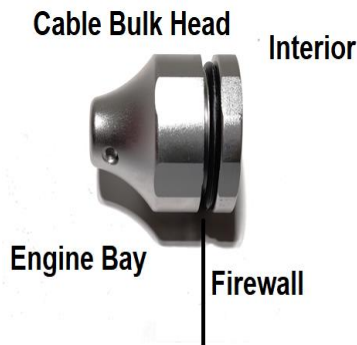
Method B: "U-Bracket"

- Drill out the rivet and ball.
- Grind the front of the pedal to accommodate the U-bracket, allowing it to move freely.
- Heat the pedal with a torch and bend it to center with the firewall hole.
- Reinstall the pedal with the cable attached, but do not feed the cable through the firewall yet.



Step 2: Cable Bulkhead Installation

Install the Cable Bulkhead through the firewall. Ensure the cable bulkhead with the cone faces the engine bay, positioning the set screw at the 6 o'clock position. **Please note 240z models require enlarging the hole 2-3mm** Tighten snugly from inside. Do not feed the cable through just yet.



Step 3: Braided Cover Sizing

- Install the bracket securing the cable at the Intake/TB end and adjuster use the crimped adjuster end.
- Lay the braided cover to the bulkhead, marking where to cut the sheath.
- Note that the cable installs into the bulk about 11mm. We will not be using the cover end.
- Tape the braided cover to prevent fraying, cut with desired snips or cut-off wheel, and tighten the set screw holding the cover. Leaving a bit extra is advisable when cutting the cover 1st time
- Now, feed the inner cable through.

Step 4: Throttle Body Connection/Bracket

Like Step 1, there are two methods for Throttle Body connection, and both are included for versatility. We recommend Method A.

Method A: Quick Disconnect

- Snap the quick disconnect onto the TB linkage post.
- Install the cable with the set screw and adjust tension after cutting the sheath and cable to size.



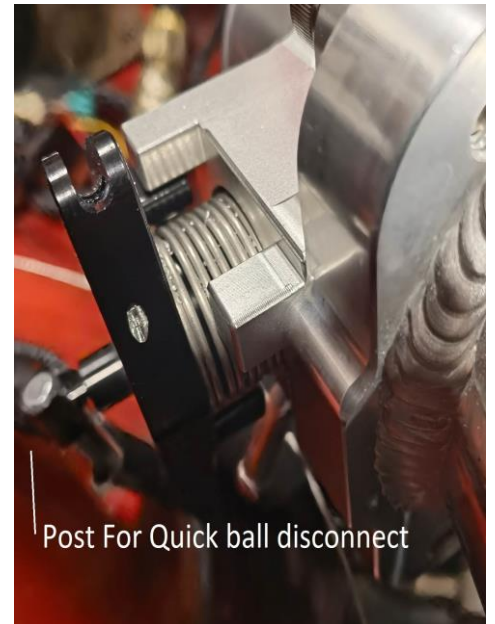
PTZ TB STOCK intake Using adaptor



PTZ INTAKE

Method B: Brass Piece Set

- Set the brass piece inside the hole at the throttle linkage.
- Use a micro drill, using the brass piece as a guide, drill through the hole and the PTZ Throttle Bracket.
- Feed cable through brass piece, and linkage hole that you just drilled. Pull Cable to make sure it is taut and screw the set screw.



Installation Notes:

- Lightly lubricate all moving parts (Ball/U-Bracket/interior cable).
- Use "Blue Loctite" for all set screws.
- The sequence of steps can be adjusted, but use this as a guide.
- Some Installs require spacing the pedal between pedal and chasis to give it more "throw" we noticed with our TB at 75 80% it is identical to Wide Open Throttle!

Very important ! Even though the cable is Stainless Steel Braided and Teflon lined it is imperative to heat wrap your Cable this is especially on Turbo Cars as the Cable runs along the side/under intake. You can use heat wrap, silicone tube or gold tape.

If you have any further questions, feel free to contact us. Enjoy your ProTunerz Throttle Cable Kit!

