



## 2017-2019 X3 Charge Tube Kit

**SKU(s):** Black (100FC0012), Blue (100FC0013), Red (100FC0014), Silver (100FC0015), Yellow (100FC0016), Orange (100FC0086), Manta Green (100FC0090)

### INCLUDED PARTS

(1) EVP Silicone Charge Tube Set
(2) T Bolt Clamp 250
(1) T Bolt Clamp 206
(1) T Bolt Clamp 262
(1) 14.5mm Pinch Clamp
(1) 25-40 Worm Drive Clamp
(1) BOV Port Block Off
(1) Aux Port Block Off
(2) 12" Zip Ties

### REQUIRED TOOLS

Screwdriver(s)
T-30 Torx Socket
Sider Cutters
Spring Tool for Exhaust (optional)
Side Cutters

### INSTALLATION STEPS:

- Step 1:** Remove rear exhaust valance and remove factory muffler (it makes the job much easier!)
- Step 2:** Remove the plastic cover between the two seats to access the engine/turbocharger.
- Step 3:** Remove the OEM charge tubes by loosening the worm drive clamps that secure them to the factory turbocharger, intercooler and throttle body. You will need to cut the zip ties that hold the two smaller diameter hoses to the charge rear charge tube.
- Step 4:** Install new EVP charge tubes in the same location using T bolt clamps on the intercooler and throttle body. Use the 250 clamps on both sides of the intercooler and the 262 on the throttle body. Use the 206 clamp on the turbo charger. Tighten all clamps.
- Step 5:** At this time, it is a good idea to tighten the OEM clamps on both sides of the throttle body – these can pop off with higher boost.
- Step 6:** Install the Auxiliary port block off into the small open port of the charge tube unless you are using this for a boost gauge port. Use the supplied 14.5mm pinch clamp to secure.
- Step 7:** Install EVP billet Blow-Off Valve (BOV) block off if not installing the EVP Blow-Off Valve (BOV) at this time. Secure the block off with the worm drive clamp that came in the kit.
- Step 8:** Use supplied zip ties to hold the smaller diameter hoses to the EVP charge tube.  
Reinstall exhaust and all covers



## INSTALLATION INSTRUCTIONS

Thank you for choosing Evolution Powersports products. If you require further assistance, please call our Tech Support @ (715) 247-3862

**Note:** This product is exempt from the emission standards and related requirements of 40 C.F.R. § 1051 as provided by 40 C.F.R. § 1051.620, and California law [e.g., vehicle code §§ 27156 and 38391]. This product is sold only for use in connection with EPA certified, purpose-built, nonroad vehicles used solely for closed course, nonroad competition/racing and not used for any recreational purpose or on public highways or right of ways maintained by and open to the public. This product is sold only in connection with machines that do not fall under state and/or federal noise or emission standards/regulations. Purchasers who/that purchase this product represent and warrant that the product is purchased only in connection with EPA -certified, emission-regulations-exempt and noise-regulations-exempt competition/racing vehicles as interpreted under applicable state and/or federal law. Questions: Call Evolution Powersports at (715) 247-3862.

WE'D LOVE TO HEAR FROM YOU - LEAVE A REVIEW & STAY CONNECTED!   