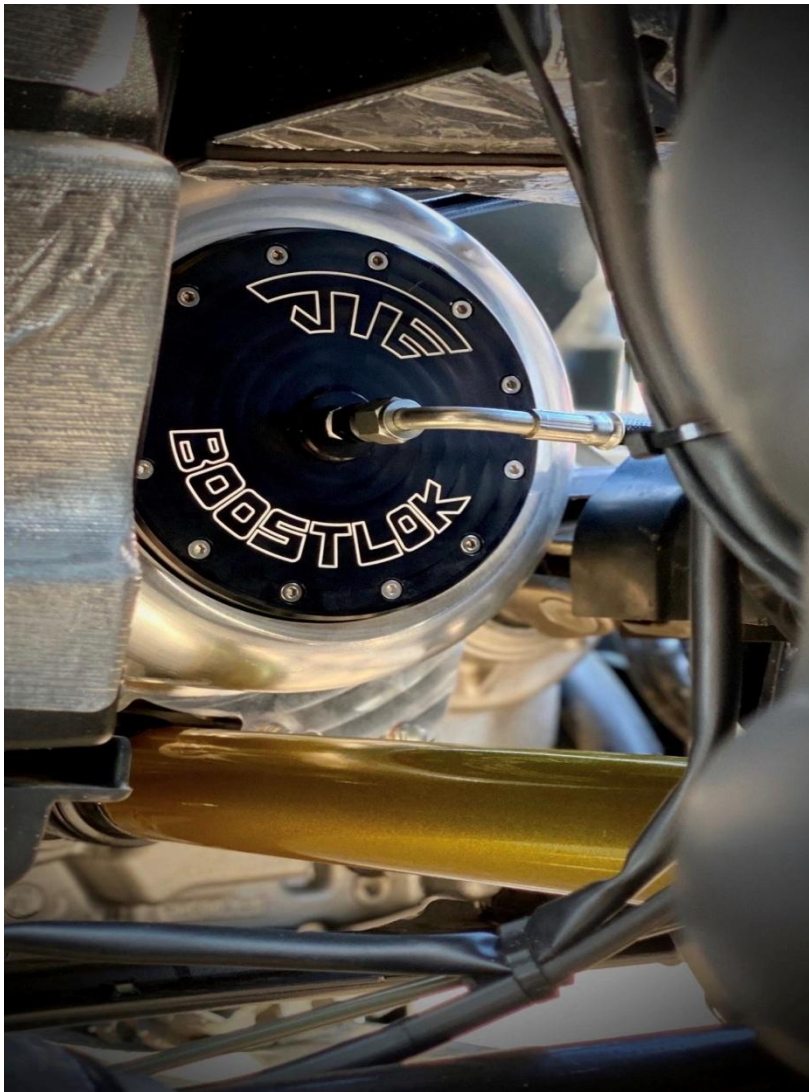


# JTE BoostLok

Manual Transmission installation instructions v1.2



Thank you for purchasing the JTE boostlok system for your Yxz1000R Sport Shift model. These installation instructions will help you install the kit, Install time is approximately 2 hours.

**Kit includes:**

Billet clutch cover assembly with Pneumatic lockout

Clutch release pin

Billet thrust bearing spindle assembly

Pneumatic control circuit with mounting bracket

Pneumatic control lines and fittings

Plug and play wire harness YXZ 1000R Manual Transmission

Installation instructions

**Machine tear down;**

-Remove the lower skid plate to access the clutch cover and transmission drain plug.

-Remove the passenger's side seat and center console paneling to access the transmission fill plug.

-Drain the transmission oil



-Remove the factory clutch cover





**-remove the factory pressure plate;**

**-Remove the retaining ring bolts and retaining ring**



- Remove the diaphragm spring and diaphragm spring seat
- Remove the pressure plate carefully, leaving clutch plates in the basket.

**-Remove the clutch release pin**

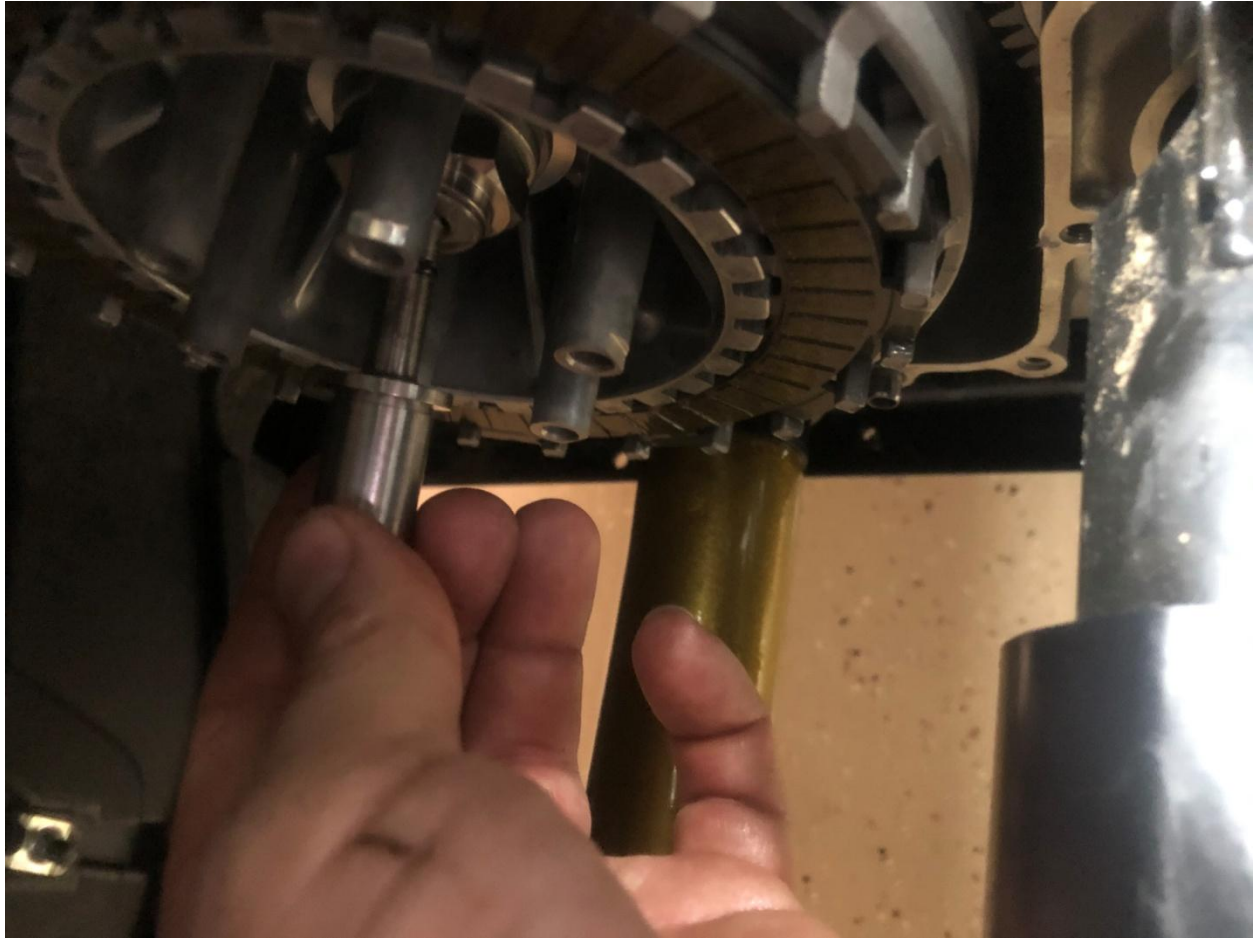


**Note: "When removing the pin be careful not to loose the ball bearing in the bore of the clutch hub"**

-Transfer the O-ring from the release pin to the new release pin included in the kit



-Install the new release pin into the bore of the clutch hub



-re-install the pressure plate, diaphragm spring seat, diaphragm spring, and diaphragm spring retaining ring in the reverse order of how it was removed. **Torque the bolts in an opposing pattern to 6ft/lbs**



-install the included thrust bearing onto the thrust bearing spindle as shown. **Pre-lubricate the bearing with transmission oil prior to instalation onto the bearing spindle.**











-Install the thrust bearing/spindle assembly onto the release pin **Bearing side of assembly should be against the pressure plate**





-Install the Boostlok clutch cover lock-out assembly with new gasket **Torque bolts to 7ft/lbs**



-Replace drain plug and re-fill transmission with **2qt of preferred transmission oil.**



## Control circuit connections, Electrical and Pneumatic

-Remove drivers side inner fender to and locate the clutch pedal switch connector.



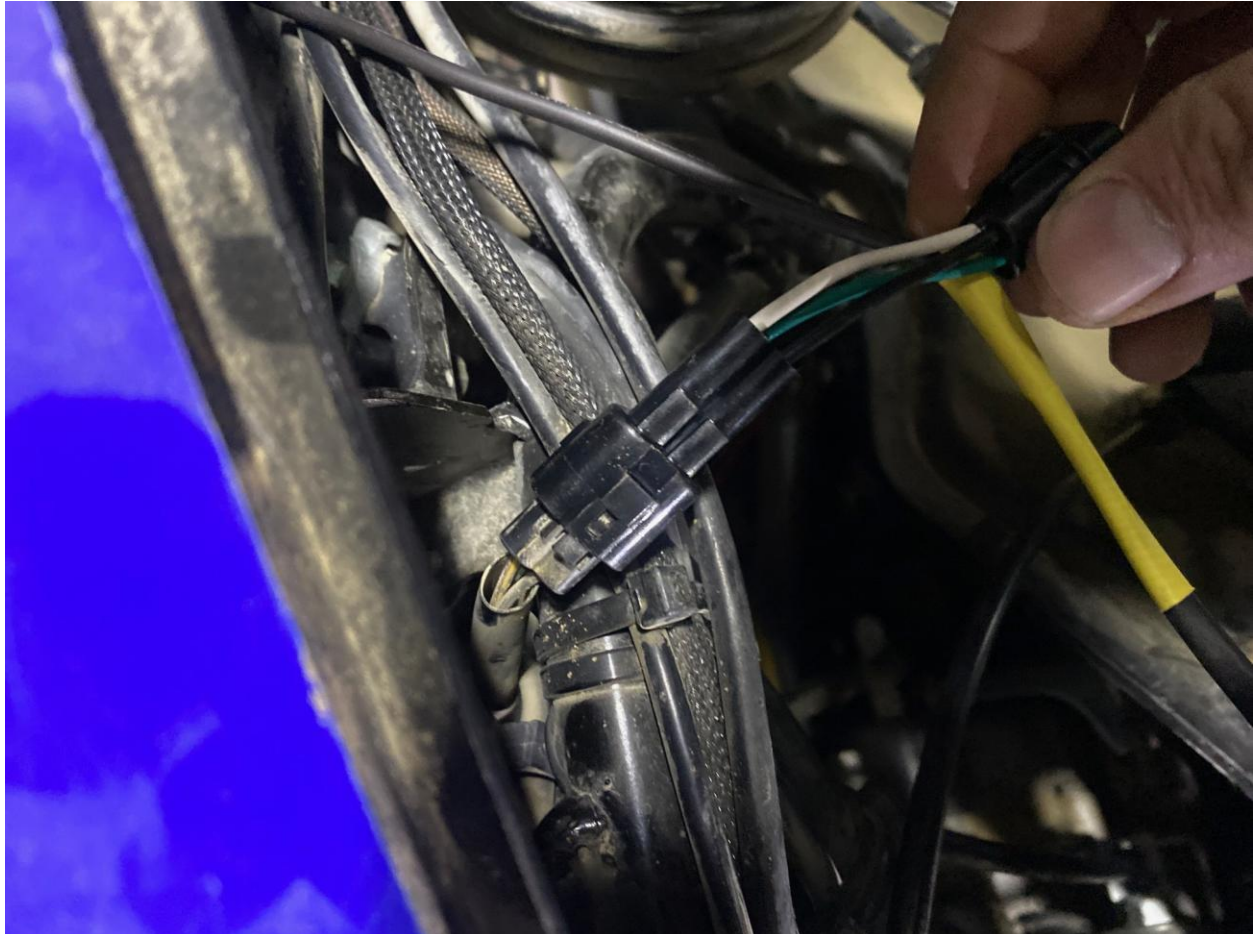
-Connect JTE control harness end labeled "clutch pedal" in line with factory clutch pedal switch





**Route the remainder of the JTE control harness through the center tunnel of the car so that remaining connectors are above the transmission. Be sure wires are not tangled or in danger of rubbing against shifter mechanism.**

**Locate the helmet/seatbelt indicator light in middle of consol behind the shifter and gently remove it from the plastic housing to expose the wire harness plugged into the back of the light assembly. Disconnect harness from light and install the JTE control harness labled "indicator light" in line with the factory harness and light assembly. Once connected snap the light back into the plastic housing.**



-Remove **these 2 bolts** from the transmission case,



-Install the control solinoid assembly with included bracket





-Connect the control solinoid to the remaining connector on the JTE control harness labled "CS-1"



-Connect high pressure control line using the supplied banjo bolt and fitting to the 12mm port on the center of the lockout cover. Connect the 11" high pressure -4an line to the banjo fitting

-Connect the opposite end of the line to **port 2** on the control solinoid

-Connect port 3 of the control solinoid to your turbo or supercharger system somewhere **preferably after the intercooler (cool air)** using the supplied hose and fitting,

-Replace skid plate, center consol plastics, and passengers side seat

-Enjoy the ultimate in clutch holding ability for your YXZ! You can now hold unlimited power with your engine and power adder combination without sacrificing the drivability and smooth engagement of your factory clutch!