

## **Installing the New TMR Performance Engine**

- 1-** Install the engine brace (taken from the stock engine) to your new TMR Performance Engine  
Loctite can be used; we suggest using a medium grade.
- 2-** Install engine header. Using a 5mm Allen key.
- 3-** Install engine into truck. To help installation, pull the side plates to the side. Once engine is in place, install the 4 motor bolts
- 4-** Place both top and bottom spacers between frame and side plates
- 5-** Install gas tank support and at the same time place side plate screws. When installing, be sure the screw hole is on correct side of the tank
- 6-** Remove the remaining 2 screws from the gas tank and remove the tank. Also remove the exhaust hanger
- 7-** Use the template that is included in the kit. Line up the template over the original exhaust hanger notch and drill the hole. Use a ¼ inch drill. Once hole is drilled, reinstall the exhaust hanger into the new hole that was drilled. Once done, tighten up all side plate bolts
- 8-** Install throttle cable. Be sure to confirm your throttle cable is properly installed. Turn on electronics and check full throttle as well as break.
- 9-** Using the second template included, place on the exhaust. Grind off any excess using the template
- 10-** Once grinded, install the exhaust. Align the hose and tighten the exhaust clamp. Also be sure to install the exhaust spring
- 11-** Reconnect the kill wire switch
- 12-** Now we will install the tank vent. We no longer need the return line. Be sure that the line you are cutting doesn't have the fuel filter on it. Cut the return line and install vent
- 13-** Take the old washers off the tank bolts. Using those washers, we will install the new bolts with the one-inch spacers.  
*Optional: Included in kit is a sway bar sleeve. This will help with stock air filters. Stock air filters rubs the sway bar and this will help protect it. Do this before installing gas tank.*
- 14-** Install gas tank with new bolts and spacers. Take the fuel lines and connect to carburetor.
- 15-** Install the cross braces. Be sure to keep the pull start on the gas tank side.
- 16-** Going back to engine bracket, tighten the two bolts. Then take the transmission bracket and install.
- 17-** Finally, take your air filter and install. Be sure to face air filter away from exhaust and suspension so everything clears.