

**Yamaha Big Block Installation Kit  
G29- Part# 7229  
2005.5 & Newer G22- Part# 7221**



*Always wear appropriate eye protection!*



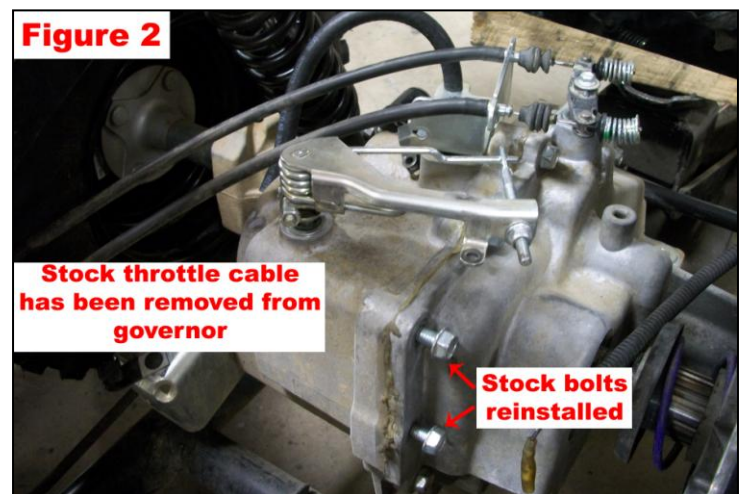
**Before beginning be sure to read and understand the instructions. This kit is designed to give you maximum torque for those extreme off-road conditions. We thank you for your purchase of Jake's Big Block and hope you enjoy the raw power it will provide.**

**Caution: wear appropriate eye protection during the install. Make sure the car is supported by proper use of jack stands. Heavy lifting should be done with proper lifting equipment to prevent any injury.**

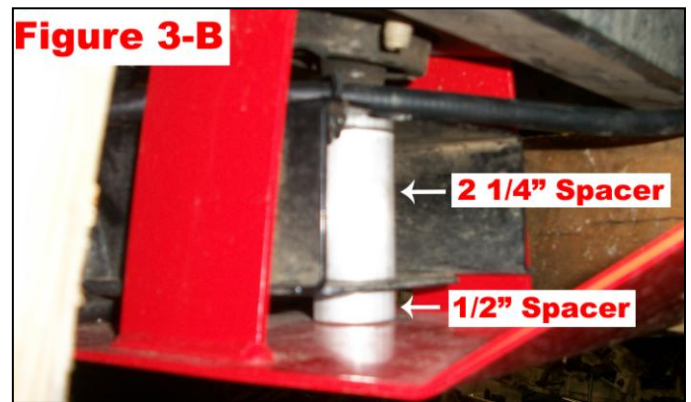
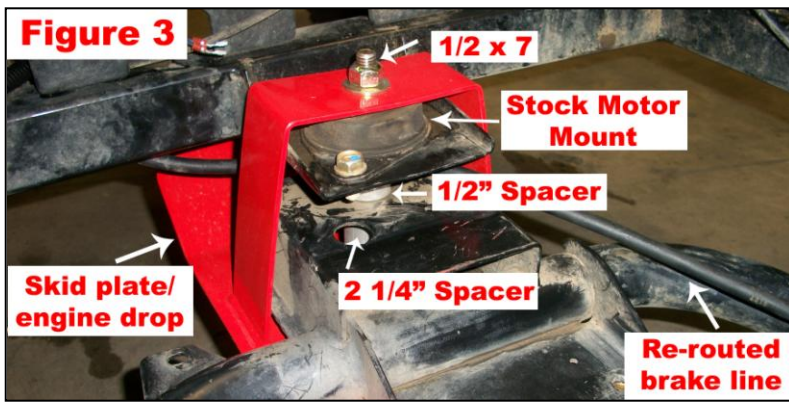
**We recommend this kit be installed by mechanically trained professionals.**

**Installation Instructions:**

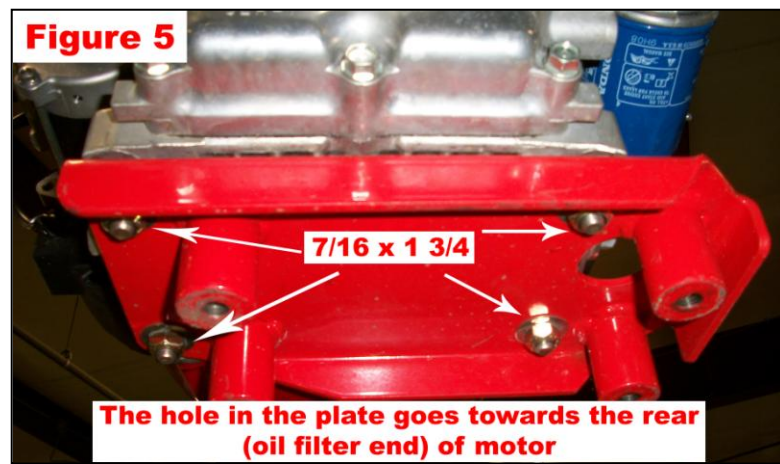
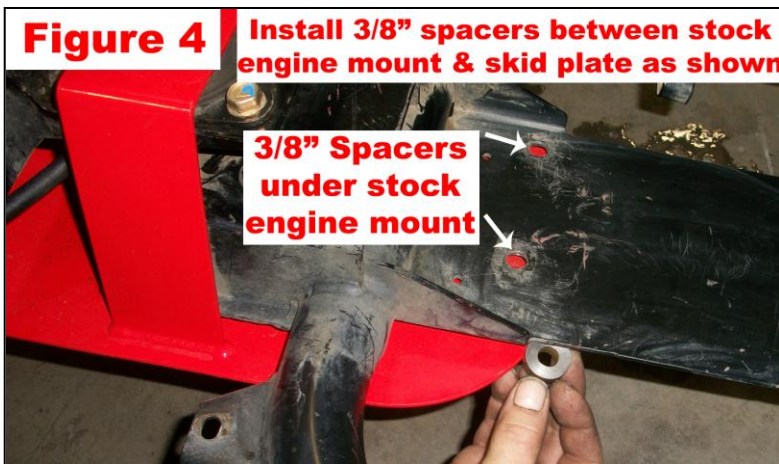
1. Disconnect battery, electrical wiring, fuel lines, air cleaner assembly, drive belt, exhaust, and engine mounting bolts. **NOTE:** It is advised to remove the rear body for this install. With proper lifting equipment remove engine for car.
2. Remove brake cable pins and lay cables to the side.
3. Remove center bolt from swing arm. Remove bottom rear shocks from stock shock mount. This will allow you to slide swing arm back for installing drop engine mount/skid plate.
4. Using a 1/2 drill bit enlarge the four stock engine mount holes to 1/2" as shown in FIGURE 1.
5. Unhook throttle cable bracket on rear end. Reinstall stock bolts in rear as shown in FIGURE 2.
6. Unhook throttle cable at governor on rear by loosening nut and removing clevis pin as shown in FIGURE 2. Discard clevis pin and stock governor spring. Remove governor bracket. Leave throttle cable attached to pedal and lay off to side.
7. Using supplied 1/2" spacers (2), and 2 1/4" spacer (1) mount the engine drop/skid plate to stock front swing arm mount as shown in FIGURES 3 & 3B. Bolt together with supplied 1/2 x 7 bolt from bottom up, placing nut & washer on top as shown.



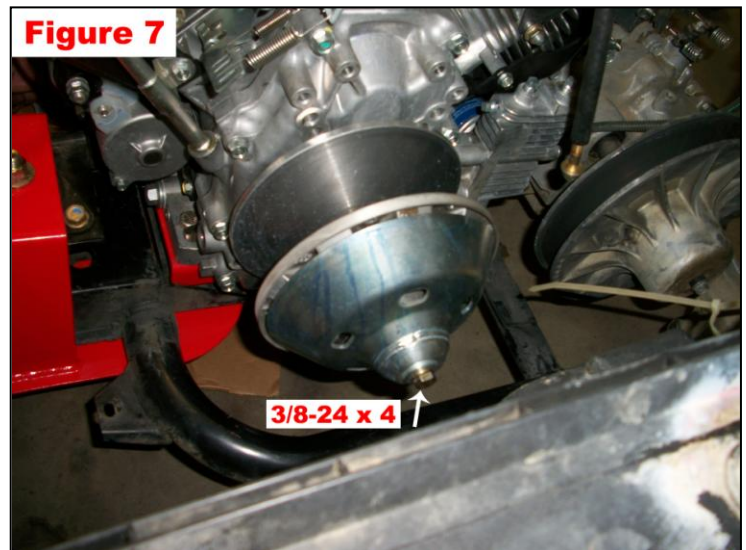
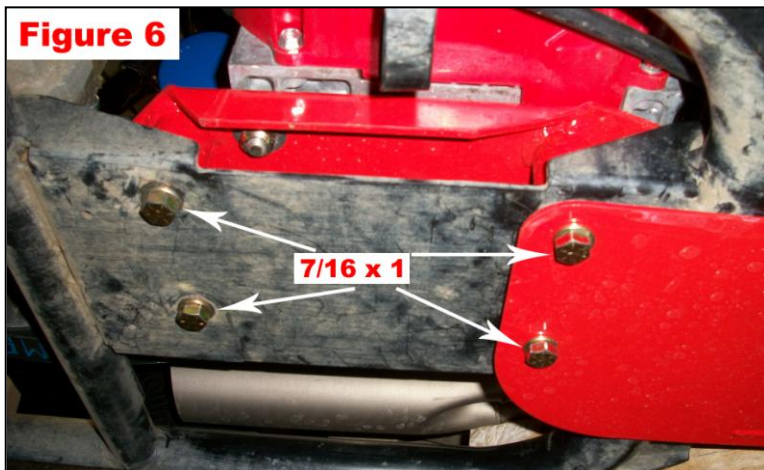




8. Re-route brake cable through swing arm and frame as shown in FIGURE 3. Reattach brake cable using stock hardware.
9. Reassemble rear shocks using stock hardware.
10. Place supplied 3/8" spacer (2) between skid plate and stock swing arm as shown in Figure 4.
11. Install supplied engine mount to the Honda engine using the supplied (4) 7/16 x 2" bolts, flat washers, & locknuts as shown in FIGURE 5.

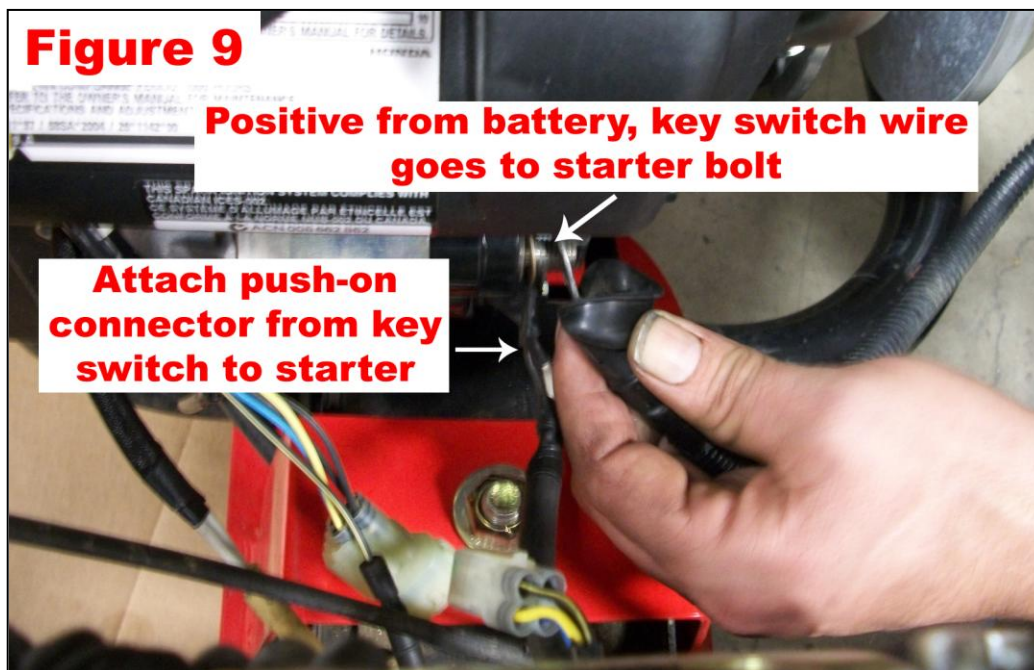


12. Put engine in car. Align stock motor mount holes with new engine mount holes. Studs on new engine mount are threaded. Using the supplied (4) 7/16 x 1" bolts and lock washers fasten motor to car as shown in FIGURE 6.
13. Install supplied clutch to motor shaft using supplied (1) 3/8-24 x 4 bolt and lock washer as shown in FIGURE 7.

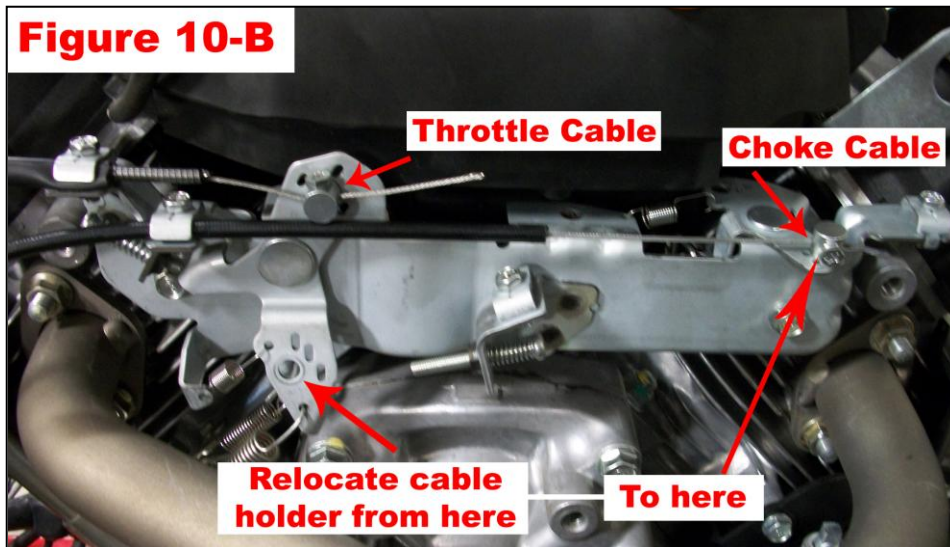
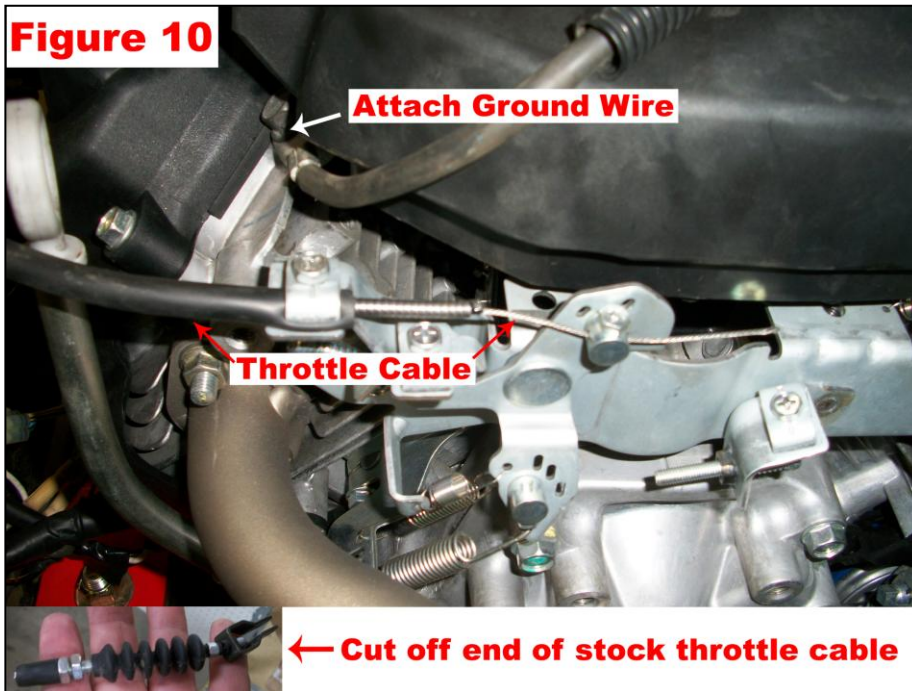




14. Install supplied header to the engine using supplied gaskets and nuts.
15. Using supplied fuel line and clamps, install fuel line to the tank and engine as shown in FIGURE 8.
16. Attach positive wire from battery & key switch wire from to starter bolt on engine as shown in FIGURE 9 using the supplied nut and push on plug from supplied key switch. Connect the remainder of the color coated wires and push plugs from the engine to the key switch.



17. Attach ground wire to engine as shown in FIGURE 10.
18. Remove the aluminum throttle/choke cable mounting plate from the Honda motor by removing. Relocate the cable holder for the choke as shown in FIGURE 10-B. Remount the aluminum throttle/choke cable mounting plate.
19. Cut the end of your throttle cable off as shown in FIGURES 10 & 10-B. Attach throttle cable to engine as shown in FIGURES 10 & 10-B.
20. Install choke cable as shown in FIGURE 10-B.
21. Install rear body and cut out switch panel hole into front of rear body. Mount switch panel and route choke cable and wiring to the engine and igniter. **NOTE:** Mount igniter in a spot that does not interfere with any moving parts and close enough for choke cable length and wiring length.
22. Remove key switch throttle assembly and all components and mount on supplied Jake's Big Block stainless steel body plate. Mount Jake's key switch to the desired position on the front portion of the rear body. Make sure you mount the switch where all wires will be long enough to reattach to key switch. Reassemble wires.



### Indemnification And Insurance Agreement

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