

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.



1) Disconnect battery, electrical wiring, fuel lines, cables, air cleaner assembly, drive belt, exhaust, and engine mounting bolts. Note: it is advised to remove rear body for this install. With proper lifting equipment remove engine from car.

2) Remove brake cable pins and lay cables to the side. Note: remove rear body for this install.

3) Remove center bolt from swing arm. Remove bottom rear shocks from stock shock mount. This will allow you to slide swing arm back.

4) Enlarge stock engine mount holes to 1/2".

5) Using supplied 1/2" spacers (2) and (1) 2 1/4" spacer mount skid plate to stock front swing arm mount as shown (A).

6) Once in place bolt together using 1/2" X 7" bolt from bottom up, placing nut on top.

7) Reconnect shocks and brake cables.

8) Install engine mount using (4) 7/16" X 2" bolts, flat washers, and locknuts.

9) Install clutch to engine using the supplied 5/8" spacer.

10) Install header, drive belt and connect wiring.

11) Go to page two for picture illustrations.

Connecting Shocks



Installing Front Brackets



Installing Spacer



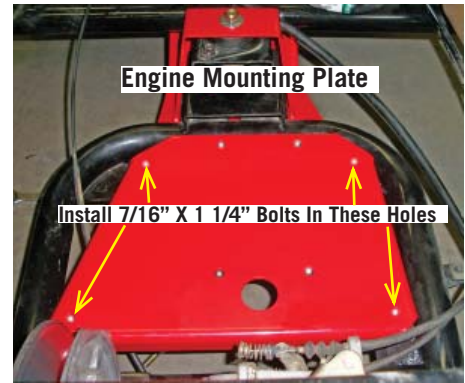
(A)



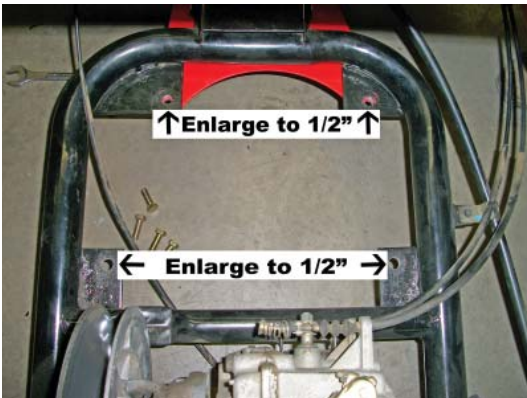
Bracket Mounting



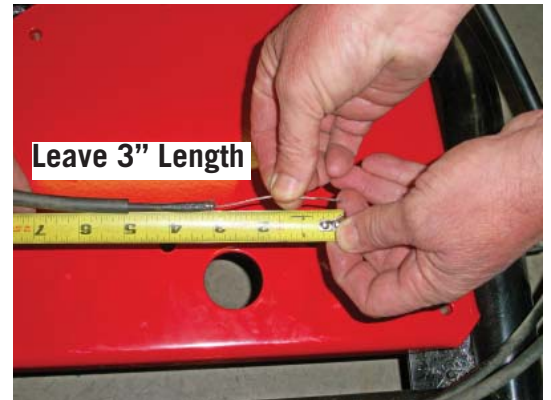
Top Nut Mounting



Install Bolts From Bottom



Mounting Plate Hole Enlarge-



Cutting Throttle Cable



Igniter Mounting Area



The remaining 1/2" spacer goes between the skid plate & stock front swing arm mount.



Big Block Installed

Illustrations for Big Block for installation is just a matter of engine removal and bracket installation. Use proper alignment of brackets, drilling and placement is critical to the install.

Miscellaneous Information:

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.

The following information is used as a guide only. This fits several applications, but gives you the adjustment procedure, should it be needed.

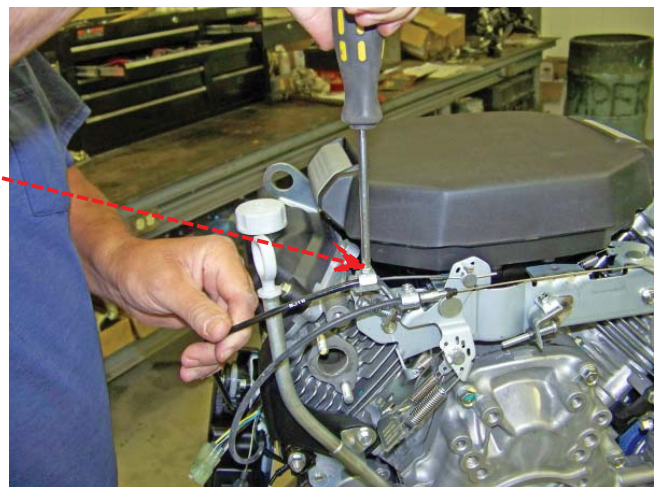
Addendum Throttle/Choke Cable Mounting Bracket

1) Remove Key Switch/Throttle assembly (A) and remove all components. Mount the components onto supplied Jake's body plate.

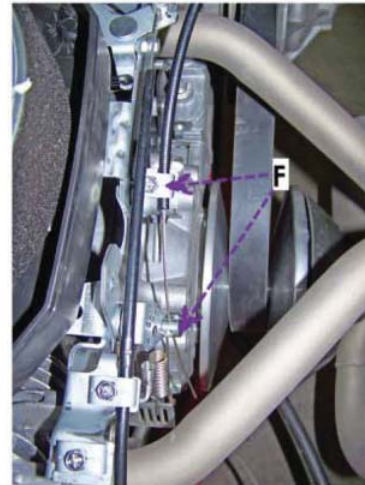


2) Mount Jake's key switch body plate to car. Use supplied template for body plate cutting.

3) Remove Throttle/Choke grouping.



Install cable into the cable clamp and wire clamp (F).



Adjust as follows:

Hold accelerator pedal to the floor. Slide cable forward just enough to clamp into place. Tighten the wire end clamp. Let off pedal and you should see a return to idle position. Press the pedal to floor board and check for full throttle opening. If you do not see full throttle then loosen cable clamp and pull it back just enough to achieve full throttle. You will have sort of a balancing act between full throttle and idle. Make sure you take the time to get that balance point. Failure to do so will be loss of full power, speed and idle. Final idle adjust is located under the air cleaner assembly. Governed rpm should 3600 for good results.



Note: warranty is void if rpm limiter is disconnected or by-passed in any way!

Move Cable In Or Out For Final Adjustment

Indemnification And Insurance Agreement

High Performance Enhancement Kit purchaser assumes sole and entire responsibility for, and shall indemnify and save harmless Nivel LLC, from any and all claim, liability, responsibility, and persons or property that may be sustained in connection with the use of any product before or after purchase, including but not limited to high performance enhancement engines. The High Performance Enhancement Kit purchaser also shall indemnify Nivel LLC with respect to any and all liability that may be incurred. Golf Cars are recommended for use only by those aged 16 and older. Golf Cars can be especially hazardous to operate. Always remember that riding and alcohol/drugs don't mix. Never ride on public roads. Never carry more than two passengers (except shuttles and trams). Never engage in stunt driving. Avoid excessive speeds and be particularly careful on difficult terrain. Nivel LLC reserves the right, at any time, to discontinue or change specifications, prices, designs, features, models, or equipment without notice and without incurring any obligation.

