



WSK-1™

Wireless Remote Start System

Installation Instructions

for
Yamaha EF3000ise and EF3000iseB Generators



Tools Required:

- Flat head screwdriver
- Phillips head screwdriver
- 10mm Socket
- 10mm Open end wrench
- ½" Drill Bit

Step 1. Remove 4 bolts on generator's battery cover



Step 2. Disconnect Battery

Step 3. Remove screws and bolts on front panel



Step 4. Remove fuel tank top cover as shown below



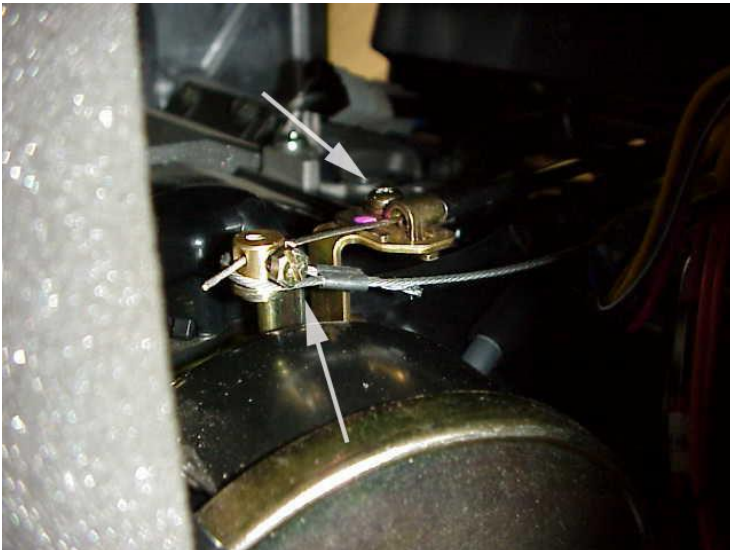
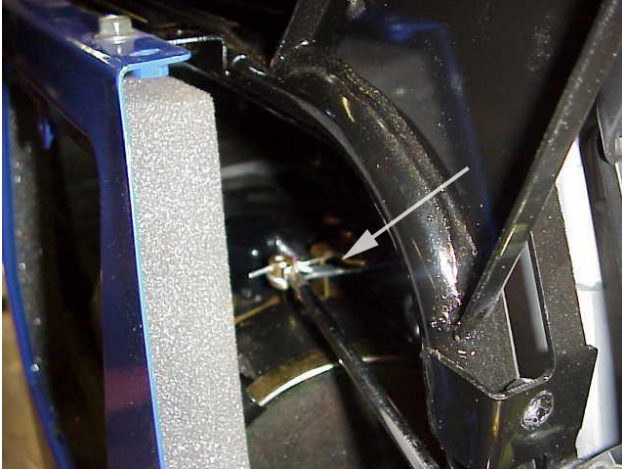
Step 5. Remove fuel tank hold down bolts (2 on each side)



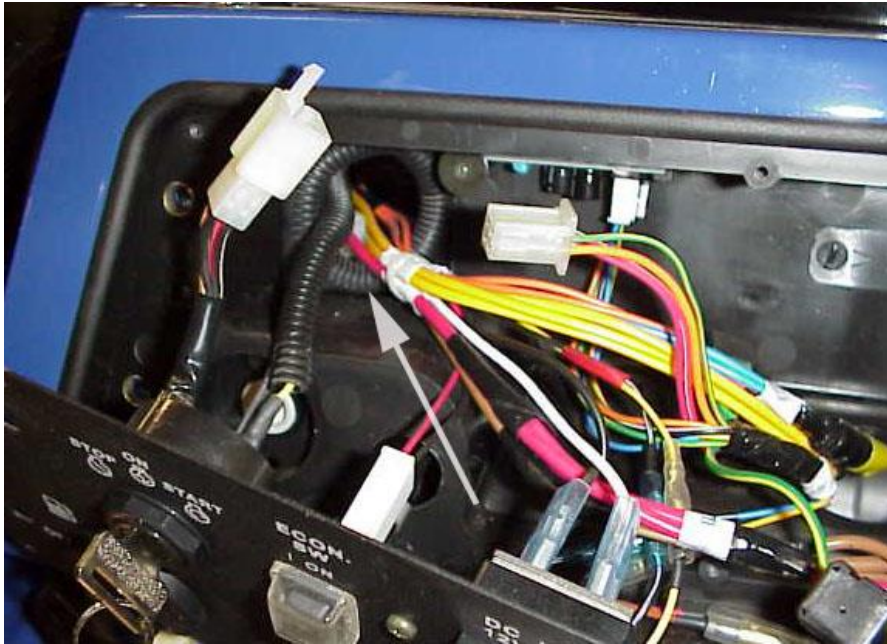
Step 6. Raise back of tank as shown below.



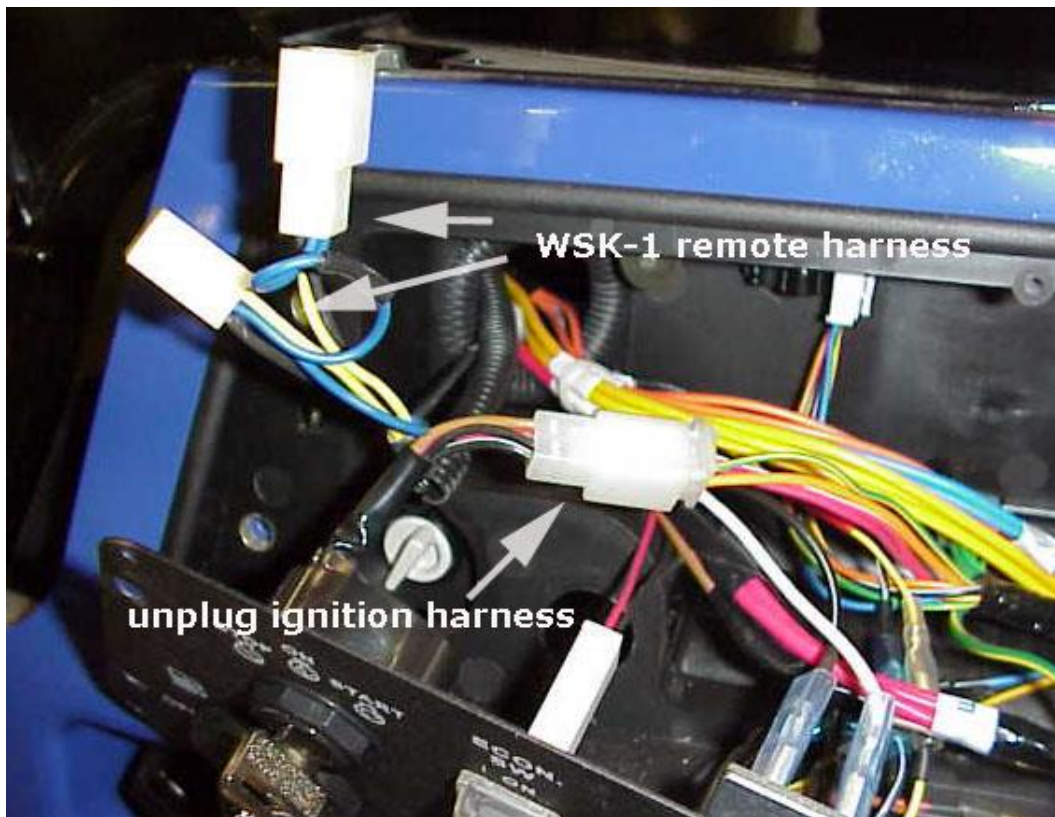
Then, loosen/unscrew choke cable hold down and guide clamp on top of carburetor.
After removing the cable you can pull front panel out slightly. (see picture next page)



Step 7. Thread WSK-1 remote harness across the top of the motor to back side of instrument panel through hole in back top left of front panel casing.



Step 8. Locate and unplug factory ignition harness connectors. Plug WSK-1 remote harness in between factory ignition harness.



Step 9. Drill $\frac{1}{2}$ " hole in front panel to mount the on/off toggle switch. You may want to pre-drill a smaller hole first.



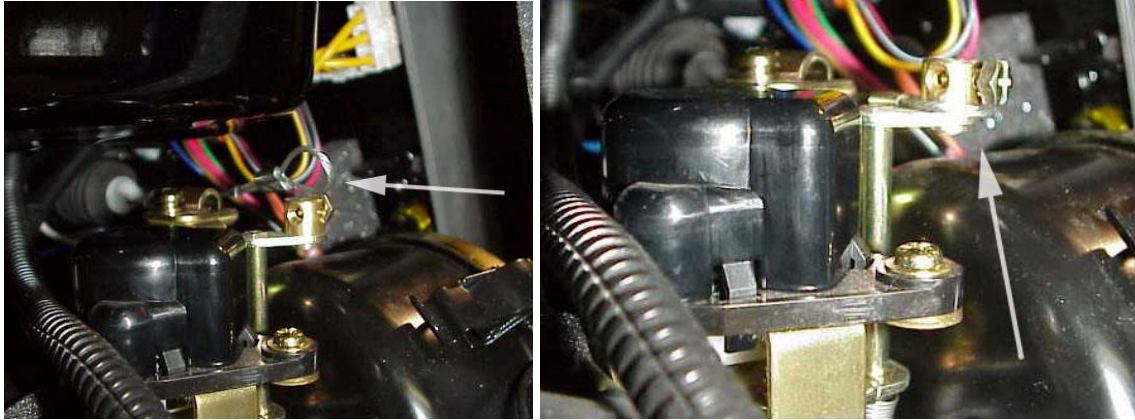
Mount on/off toggle switch in hole as shown below



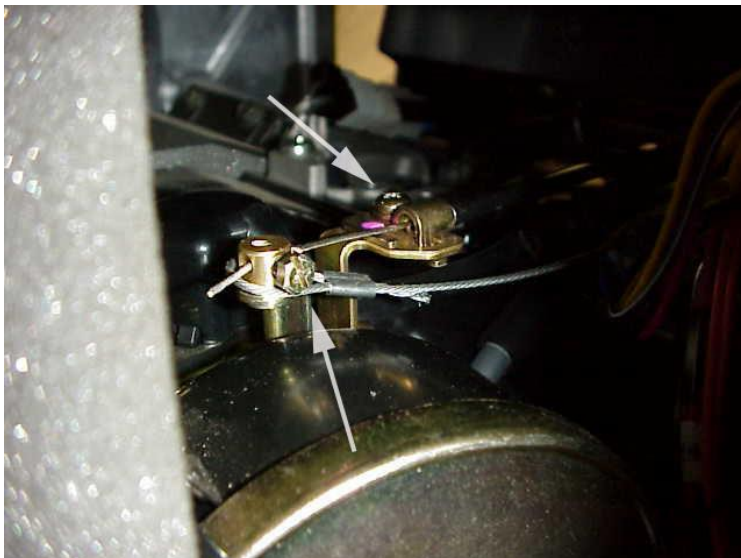
Step 10. Mount WSK-1 choke controller behind the instrument panel on top of battery housing cover as shown below (top picture). Then connect choke controllers quick connect plug to WSK-1 harness. (bottom picture)



Step 11. Thread choke controller cable under generator wiring harness through hole in instrumental panel casing towards the carburetor (top left picture). Attach WSK-1 choke controller cable to choke lever on carburetor as shown.



Re-install generator's instrument panel and then re-attach and tighten factory choke cable guide and hold down as shown in picture below.



Step 12. Re-mount fuel tank and fuel tank cover. Re-install rear cover on generator. Re-connect battery cables and add WSK-1 remote cables. The fused cable connects to the Positive (+) terminal and the non-fused cable connects to the Negative (-) terminal. Re-install front cover.



Step 13. Mount WSK-1 Control box to side access door panel by removing foam and apply with supplied Velcro tape.



Step 14. Connect WSK-1 Harness to the WSK-1 control box as shown.



Note: Turn OFF the toggle switch or unplug power cable when remote is not in use. This prevents draining of battery during storage.



Step 15. Re-Install door panel and Route the antenna through the door. You may insert the antenna into the door edge or, for longest range you should run it vertically up the generator side and tape it onto the generator. You are ready to test your wireless remote start system.

Refer to separate Wireless Remote Operating Instructions.



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Operating Instructions

WSK-1 Wireless remote start kit

The WSK-1™ is designed to be trouble free in operation. The WSK-1™ requires the battery to be installed as per the generator's manufacturer's instructions. The battery must be fully charged.

To use the WSK-1™ the key in the ignition must be in the OFF position. The key switch will retain its normal function. The choke on the generator will no longer be required for starting as the WSK-1 provides automatic choke operation.

Starting

To start the generator, follow these steps:

- 1. Turn the toggle switch on the generator's control panel to ON.**
- 2. Press the Red On/Off button.**
- 3. Press the White Arm/Disarm button.**
- 4. Press the Blue Start Button and engine will turn over and generator will start.**
- 5. If the generator does not start on the first attempt, press the Arm/Disarm again followed by the Start button.**

Note: Aux. 1 button is not used.

Stopping

- 1. To stop the generator, press the Red On/Off button. The generator should then stop.**
- 2. Turn the toggle switch on the generator's control panel to OFF. This is for storage or times when remote start will not be used for an extended period and prevents the battery from draining.**