

SWITCHBOX ASSEMBLY – (18-5789)

The SWITCHBOX ASSEMBLY (18-5789) is designed as a service replacement assembly for 7.5, 9.8 and 20 horsepower engines using 339-5287a and 339-6222a1 series switchboxes.

SWITCHBOX ASSEMBLY (18-5789) contains the following components :

1 Switchbox 1 Harness 2 Bolts 1/8" X 3/4" 2 Spacers 2 Sleeving

INSTALLATION INSTRUCTIONS

1. Turn ignition switch to "OFF" position and disconnect battery leads from battery, if so equipped.
2. Remove top cowl.
3. Remove high tension spark leads from each spark plug and isolate.
4. Disconnect trigger, stator, coil and ground wires; remove switchbox from engine.
NOTE: If original switchbox was mounted flush on the engine, it will be necessary to use the two 3/16" thick spacers (provided) between the engine block and new switchbox to prevent crushing of wires. Use two bolts 1/8" X 3/4" (provided) to mount switchbox to engine.
5. Mount switchbox installing lower mount bolt through ground wire eyelet.
6. Connect switchbox wires as follows:
 - a. Connect orange wire to stator terminal.
 - b. Connect green wire to positive terminal and green/white wire to negative terminal of #1 ignition coil (bottom cylinder).
 - c. Connect blue wire to positive terminal and blue/white wire to negative terminal of #2 ignition coil (bottom cylinder).
 - d. Connect brown and white wires to respective brown and white trigger wires. These two connection must be insulated with sleeving (provided).
NOTE: If trigger wires are both brown in color, connect either one to the brown and white switchbox leads but do not shrink the sleeve on these terminations yet since they may have to be swapped.
7. Connect high tension leads to spark plugs.
8. Place engine in test tank and connect battery leads to battery, if so equipped.
9. Spin engine over and check timing with timing light. If timing is 19° out of phase, reverse brown trigger lead connections. Shrink sleeves over trigger terminations.
10. Start engine and check timing. Adjust timing if necessary.
11. Shut engine off and reinstall top cowl.

N-1198