



1999-2002 Suzuki SV650 Tank Replacement

Remove the tank from your '99 to '02 SV650 to...

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INTRODUCTION

Remove the tank from your '99 to '02 SV650 to service it or to access the air filter, carburetor and engine.

TOOLS:

[Ratcheting Socket Wrench](#) (1)

A box end wrench can be used as a substitute.

[3/8 inch Drive Socket Ratchet Extension](#) (1)

[Mako Driver Kit - 64 Precision Bits](#) (1)

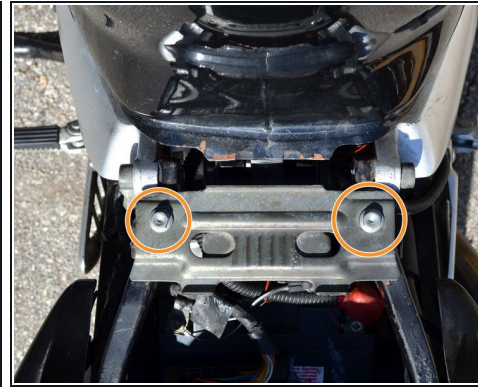
[12mm Socket](#) (1)

Step 1 — Seat



- If you have frame covers below your seat, remove them by removing the 4 mm allen bolts holding them on. Use a 4 mm allen wrench to turn the screws counter-clockwise until they come off.
- Once the frame covers are off, remove the 4 mm allen seat bolts on both sides of the seat. Use the 4 mm allen wrench to turn the screws counter-clockwise until they come off.
 - ⓘ The bolt in the picture is not stock.
- Lift the front of the seat, then pull it off the frame.

Step 2 — Tank



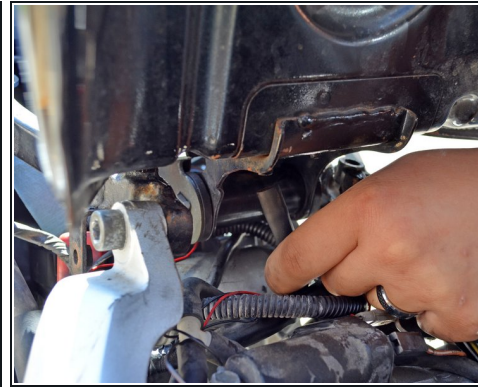
- Turn the two 4mm allen bolts in the front tank mounts counter-clockwise with an allen wrench until they come out.
 - ❗ The bolts shown in the picture are not stock.
- Turn the two 12mm hex bolts in the tank's hinge base counter-clockwise with a socket wrench or box end wrench until they come out.

Step 3



- Disconnect the fuel level sensor connector, located near the tank hinge base. It will be a three wire connector and one side of the wire will be traceable to the underside of the tank.
- Carefully lift the front of the tank to gain access to the hoses attached to the tank.
 - ⚠ Do not lift the tank too much, or you risk damaging fuel lines, vacuum lines and spilling fuel.
 - ⚠ There are small metal inserts that go into the front tank mounts. Make sure these do not fall out and get lost while working with the tank.

Step 4



- Locate the petcock on the left underside of the tank. It will have 2 hoses attached to it and will be next to the fuel level sensor.
- Disconnect the vacuum hose from the petcock.
 - ① It is advisable to always remove this hose first to reduce the amount of fuel spilled.
- Disconnect the fuel hose from the petcock
- Disconnect the tank breather hose from the base of the tank.

Step 5



- Carefully lift the tank up and off the frame of the bike, being sure that the fuel level sensor wire does not get caught in the frame.

⚠ When you set your tank aside, be mindful of the petcock hose fittings, especially the vacuum fitting on the bottom. These fittings can easily be broken by the weight of the tank and are costly to replace.

To reassemble your device, follow these instructions in reverse order.