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SUZUKI 3.3g TANK

IMS Part # 115531/215531

IMS Tank ID: DR-7

PARTS LIST

(1) Fuel Tank
*(1) Gas Cap (322100-BLK)
*(1) Seal For Cap Pre-Installed (322101)
(*Excluded on Dry-Break*)
(1) DR-2 Seat Hook Bracket (BRK-IMS-DR-2)
(2) 6x12 Large Flange Bolt (MTP-5369106012)
(1) Black L-Bracket 3/4" Hole (BRK-110698-1)
(1) Rubber Grommet (MCM-9307K42)
(1) Metal Spacer Pre-Installed on Grommet (BRK-SP1006X8FK)
(3) 6x16 Large Flange Bolt (MTP-5369106016)
(2) 6mm Nylock Nut (MCM-92461A300)
(1) 6x25mm Flat Washer (MTP-9028106025)
(1) 5x72 O-Ring For Pump (MCM-1302N82)
(4) Plastic Collar Washers (MCM-90061A015)

STOCK ITEMS TO USE

- EFI Pump & Screws
- Fuel Lines
- Shrouds/Plastics
- Lower Shroud Bolts

WARNING!

Prior to installation clean interior of IMS tank thoroughly.
Install this fuel tank ONLY in a well ventilated area, as gasoline fumes are EXTREMELY dangerous.
DO NOT START OR OPERATE THE VEHICLE IF THERE ARE ANY FUEL LEAKS
IMS recommends installation be performed by a licensed mechanic.
Improper installation may result in bodily injury or death
Prior to installation read all instructions.

TANK REMOVAL

Drain all fuel from OEM fuel tank into a government approved fuel container with a greater capacity than fuel tank on vehicle. Remove seat and plastic side panels. Loosen both shrouds to radiator attachment screws. Remove all shroud to fuel tank attachment screws & also the rear stock bracket/seat hook. Remove your stock EFI pump from the stock tank. Store the stock bolts from that pump as they will be re-used to install pump on IMS tank later. Stock/OEM O-ring can be removed since it won't be used with IMS tank.

TANK INSTALLATION

Remove the OEM front mounting bracket from your stock fuel tank and transfer that over to the front of the IMS tank with the stock bolts. Carefully hang onto the center aluminum sleeve that can slide in and out of the stock bracket. Remove the top rubber bumper/grommet from the bracket since only the middle grommet and bottom grommet will be used on the IMS setup (**See Fig. 1**).

Install the new DR-2 Seat Hook provided by IMS onto the IMS tank using the (2) 6x12 flange bolts. Install the O-ring provided by IMS in place of where the stock O-ring was on the fuel pump and then re-install the pump onto the IMS tank using your stock bolts.

Next, install the tank onto the frame and secure the front mounting bracket + OEM metal sleeve using the stock bolt. At the rear connection, install the black L-bracket with rubber grommet to your frame using (2) 6x16 large flange bolts & (2) nylock nuts (**See Fig. 2**). Then install the remaining 6x16 bolt through the provided flat washer & then through the rubber grommet and into the rear insert on your IMS tank.

STOCK SHROUDS MUST BE MODIFIED/TRIMMED IN ORDER TO PROPERLY INSTALL ON IMS TANK **(See Fig. 3).** All circled tabs shown in figure 3 must be trimmed off so shrouds can fit snug against your IMS tank. Re-install the modified shrouds to the IMS tank using the OEM bolts but be sure to use the (4) provided black plastic collars on the top two inserts and the top side shroud inserts. **OPTIONAL**: **If you find that the IMS Center Seat Hook Allows Too Much Play/Movement on the Seat & You Want a More Secure Connection, The OEM Rear Seat Hook Can Be Modified to Still Be Used on IMS Tank. See Fig. 4 Showing Modified Stock Seat Hook Installed At Rear Section of Tank (Red Outlined Part Gets Cut Off).**

Be sure that the tank is mounted securely and does not bind or in any way inhibit the controls or function of the vehicle. Ensure that there are no sharp objects or other items that rub against the tank which may eventually be damaged or puncture the tank. Check tank to engine clearance. Fill the fuel tank and install IMS gas cap. **CHECK FOR ANY LEAKS & ENJOY YOUR RIDE!!**

"FOR COMPETITION USE ONLY"
"Legal in California ONLY for racing vehicles which may never be used upon a highway."

DISCLAIMER: **Due to uncontrolled variables in the manufacturing process of rotationally molded fuel tanks, the fuel tank may vary in size and shape by up to 7% of the manufacturer's original listed capacity**

FIG. 1

FIG. 2

FIG. 3

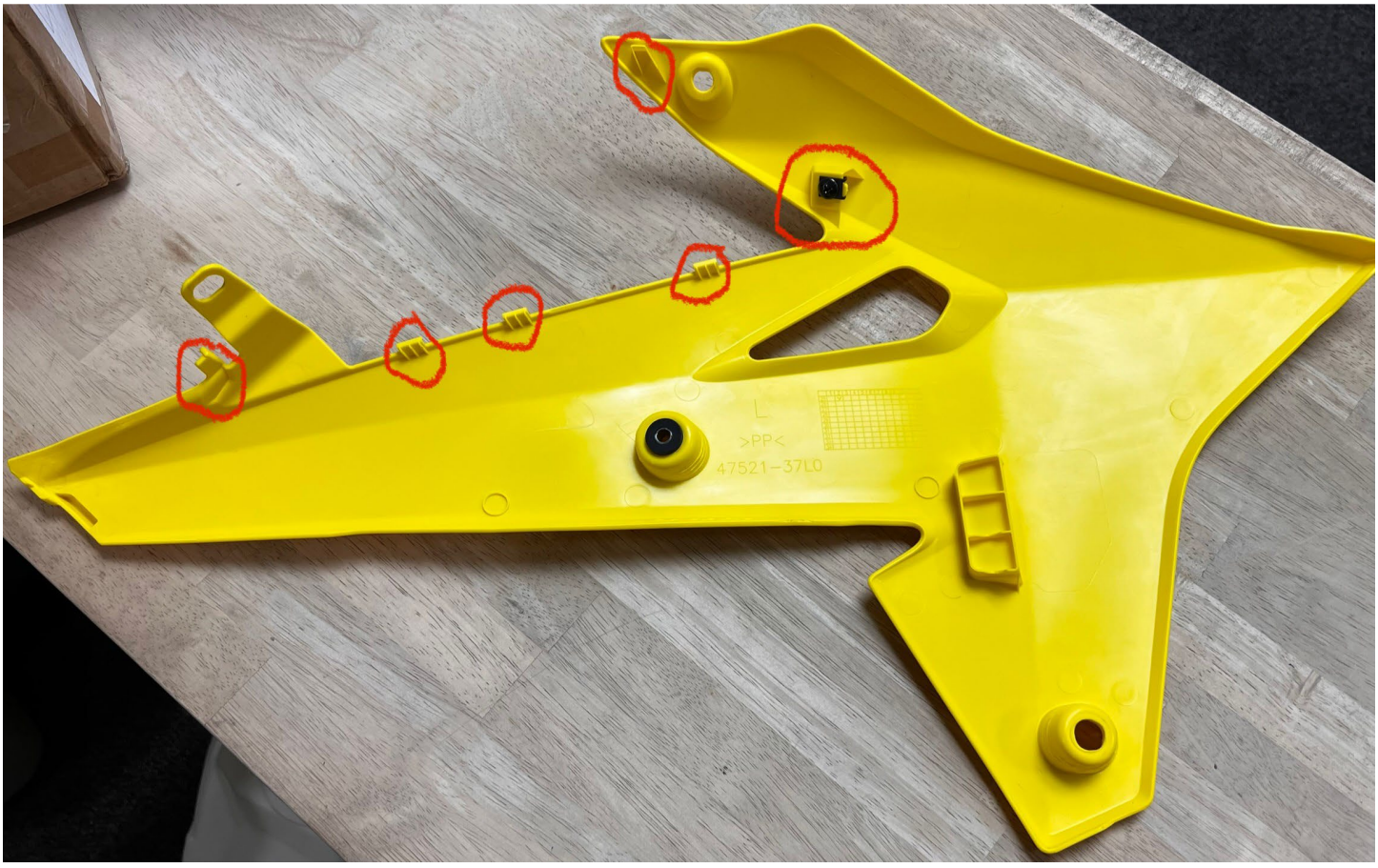

FIG. 4