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Husqvarna 2 & 4 Stroke
4.5g Fuel Tank
IMS Tank ID: HUS-25A
IMS Part # 112443 & 212443

FC 250/450 Rockstar Ed.
(22½ - 24½)
FC & FX Models (23-25)
FE Models (24-25)
TC & TX Models (23-25)
TE 150 (23)

Also Fits (24-25)
TE150/250/300 TBI Models
With Additional Oil
Relocation Fitting From
IMS P/N: 322151-KIT

Tank & TBI Fitting Sold as Kit
P/N: 112447/212447

IMS PARTS LIST

- (1) Fuel Tank
- * (1) Gas Cap-322100-BLK
- * (1) SEAL-322101
- (*Excluded on Dry-Break*)
- (22") Section of 5/16" Fuel Line
- (1) Female Quick Disconnect
(MCM-5012K85)
- (2) Pinch Clamps (MCM-5435K14)
- (4) Sit Washers (BRK-SITWASH-L)
- (4) 6mm Flat Washers
(MTP-1258106001)
- (8) 5x18 Button Head Bolts
(MTP-7380105018)
- (8) 5x12 Button Flange Bolts
(MTP-73801F05012)
- (6) Small Plastic Collars
(MCM-90061A015)
- (MCM-90061A015)
- (4) 6x12 Flange Bolts
(MTP-5369106012)
- (2) HUS-23 Brackets
(BRK-IMS-HUS-23)
- (1) Set of Drill Point Templates
(TMP-HUS-25)

OEM ITEMS TO USE

- Shrouds
- Fuel Pump & Regulator

WARNING!

Clean Tank Interior Thoroughly Before Installation. 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 That Installation Be Done By a Licensed Mechanic. Read All Instructions First Before Beginning Installation.

TANK REMOVAL

This tank requires the separate purchase of the following KTM parts for proper installation:

KTM EFI fuel pump (P/N: 79707088300)
KTM fuel pump nut (P/N: 78107088014)
KTM 90 degree fuel connector (P/N: 77707988017)
KTM gasket kit (P/N: 78107089100)

Slight modifications to your left side shroud are recommended by IMS but not required. If no modifications or trimming are done, then the left shroud may bend/warp slightly. See Illustration 4 to see modifications on left shroud.

TANK INSTALLATION

Identify where the Fuel Pump Electrical Line meets the main wiring harness on your bike. VERY CAREFULLY cut and release the electrical tape at this junction, just enough to allow you to move the fuel pump line from the bottom of the loom to the top (Illustration 5). There is only a single layer of tape in this area, be very cautious not to damage any wires. Rewrap as necessary.

Install the XC-F pump & regulator into the IMS tank, using the supplied (4) 5x18mm bolts, KTM Pump Nut and KTM 90-degree Pump Fitting. Connect the supplied 5/16 Fuel Line and Coupler to the KTM Pump Fitting using the supplied Crimp Rings on the fitting and coupler (Do not crimp the rings until a routing path has been determined as explained in the next step). Identify the final position KTM Pump Fitting will be in once the tank is installed. Using this position as a guide, identify a safe routing path for the 5/16 fuel line to reconnect to the OEM Male coupling. Some trimming may be necessary. Mount your IMS tank onto the bike, reconnect the fuel line & power cable to the pump and install OEM center-mounting bushing & bolt.

Install the long radiator bracket (BRK-IMS-HUS-23) to Radiator using (2) x 6x12mm flange bolt as shown in (Illustration 1). Secure other end of the bracket to your IMS Tank using (2) x 6x12mm flange bolts. Repeat these steps on the other side.

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 that rub against the tank that may eventually puncture the tank. Check that you have sufficient clearance from any heat source that could melt the fuel tank.

On both the left- and right-hand side, the radiator mounting fin will need to be removed (See Illustration 2). After removing the mounting fin, use the included template stickers to identify drill locations on your shrouds (See Illustration 3). Once template is installed mark each drill location with a sharp tool. Attach 2 of the Seat Hook/Sit Washers & 2 5x18 Button Head bolts to the sides of your IMS tank. Slide your shrouds into position onto the Seat Hook/Sit Washers. Install the remaining 2 Seat Hook/Sit Washers, (2) 5x18 Button Head bolts, & (2) 5x15 flat washers at the rear top part of your tank through the rear openings in the shrouds. Flat washers first, then the seat hook/sit washer, then the 5x18 bolt. **These will act as the new seat hook locations instead of using your OEM seat hook.**

Place shrouds onto your IMS tank, temporarily installing using 5x12 button flange bolts and use this tiny hole to locate the inserts on your IMS tank. Small adjustments may be necessary to center these bolt locations. Remark your shrouds with the center point of the inserts and drill center point with a small drill bit. Use the drilled holes in your shrouds as identifiers to find the center of the inserts on your IMS Tank. Re-drill these holes, with the center of the INSERT as your location. Use a drill bit large enough for the small black spacers to slide into, but not through your shrouds. Install shroud to your IMS tank using the provided 5x12 button flange bolts and Small Black Plastic Collars at the newly drilled locations (3 on each side) and 5x12 button flange bolts at OEM mounting locations. Reinstall the OEM Seat.

Add fuel to your new IMS fuel tank. Always check for any fuel leaks before operating your bike and enjoy your longer 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

Illustration 1

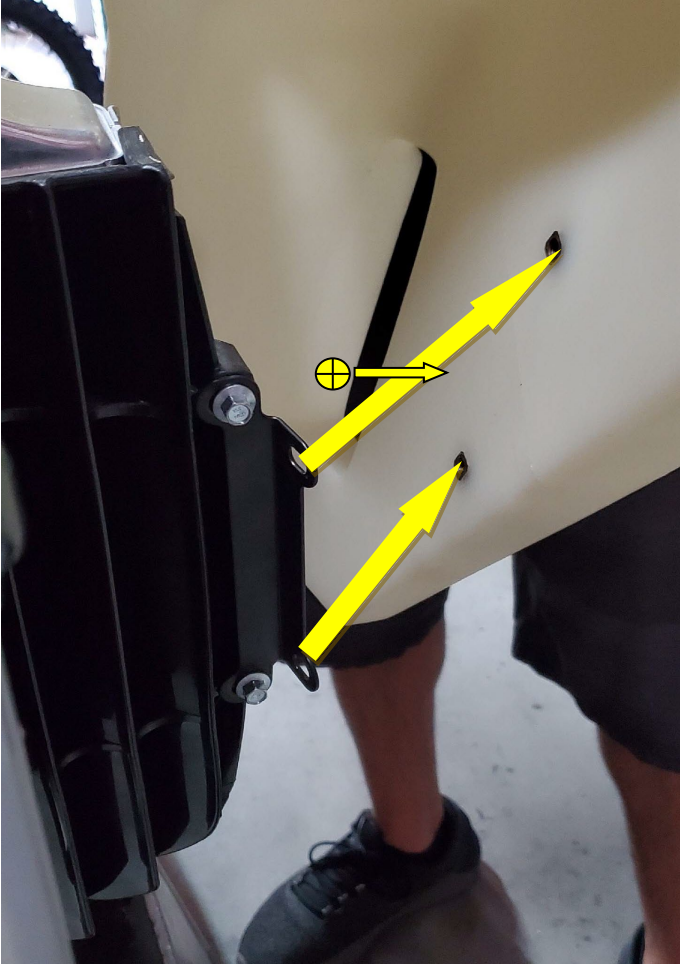


Illustration 2



Illustration 3

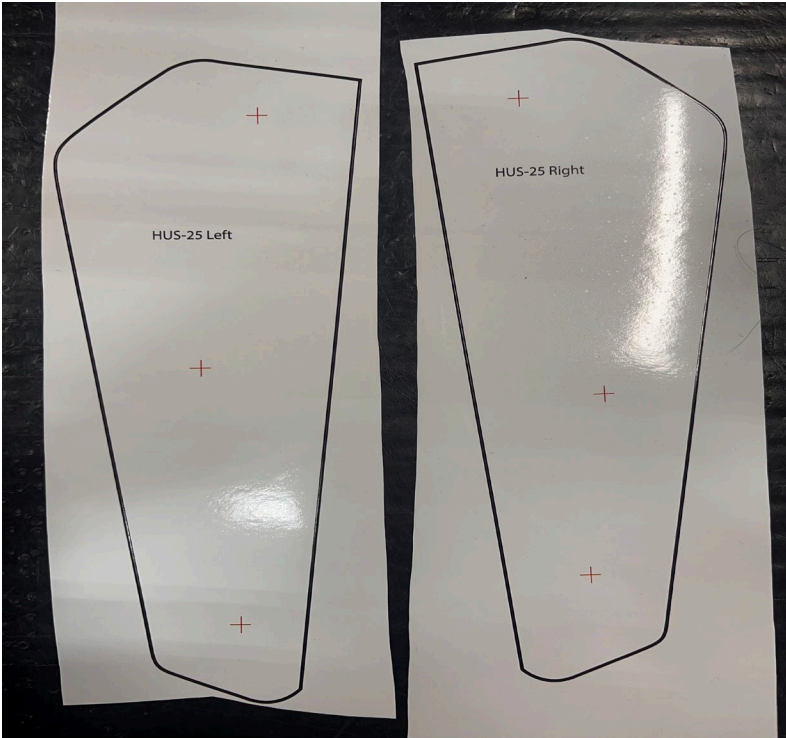


Illustration 4



Illustration 5

