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**KTM 2 & 4 Stroke**  
**4.5g Fuel Tank**  
**IMS Tank ID: KTM-34A**  
**IMS Part # 113351 & 213351**

**(22½ - 24½) 450SX-F Factory**  
**Edition**

**(23-25) SX-F/XC-F**

**(23-25) SX/XC**

**(24-25) EXC-F / EXC-F Six**  
**Days, & XCF-W Models**

**Also Fits (24-25) XC-W TBI**  
**Models With Additional Oil**  
**Relocation Fitting From**  
**IMS. P/N: 322151-KIT**

**Tank & TBI Fitting Sold as Kit**  
**P/N: 113354/213354**

**IMS PARTS LIST**

- (1) Fuel Tank
- \***(1) Gas Cap (322100-BLK)**
- \***(1) SEAL (322101)**
- (\*Excluded on Dry-Break\*)
- (4) 5x16 Flat Head Screws  
(MCM-93395A307)
- (2) HUS-23 Bracket (BRK-IMS-HUS-23)
- (4) 5x12 Hex Head Big Flange Bolts  
(MTP-1189105012)
- (1) Set of Drill Point Templates For  
"KTM-34"
- (2) Short Sit Washer (BRK-SITWASH-S)
- (2) 5x25 Flat Head Screws  
(MCM-91263A836)
- (10) 5x12 Button Head Flange Bolts  
(MTP-73801F05012)
- (2) Aluminum Spacer (BRK-IMS-0831)
- (2) 5mm Flat Washer(MTP-9028105001)
- (2) Long Sit Washer(BRK-SITWASH-L)
- (4) Black Spacer (MCM-90061A015)

**OEM ITEMS TO USE**

- Shrouds (With Mods)
- New Style EFI 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**

Drain all fuel from OEM fuel tank into a government approved fuel container with a greater capacity than the fuel tank on vehicle.

Remove seat, shrouds, seat hook, tank bolt and center-mount bushing. Disconnect the power cable from the pressure regulator located at the back of the tank just under the seat. Disconnect the fuel line at the quick coupling below the left side of the tank by the throttle body. Remove OEM tank. Unbolt and remove the fuel pump.

**TANK INSTALLATION**

Install the OEM pump into the IMS tank using the supplied (4) 5x16mm Flat Head bolts. 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) OEM bolt as shown in (**Illustration 1**) on left and right sides. Secure other end of the brackets to your IMS Tank using the remaining 5x12mm Hex Head flange bolts, (2) on each 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 (Red "X" on Templates) with a sharp tool. Next, attach (2) Short Sit Washers & (2) 5x12 Button Head bolts to the sides of your IMS tank on the middle insert (**See Illustration 4**). Slide your shrouds into position onto the Seat Hook/Sit Washers. Use the remaining (8) 5x12 Button Head bolts to re-install the shroud connections (3 on each side & 2 on top/front inserts). At the rear top part of your tank through the rear left & right openings in the shrouds, assemble the following parts in this order: aluminum spacer, then shroud/plastics, then flat washers, then the long seat hook/sit washer, and finally the 5x25 Flat Head bolt (**See Illustration 5**). **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 go all the way through your shrouds. Install shroud to your IMS tank using the provided 5x12 button flange bolts and Small Black Spacers at the newly drilled locations (3 on each side) and 5x12 button flange bolts at OEM mounting locations. The black spacers are used only at the locations from the templates IMS provided. 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!

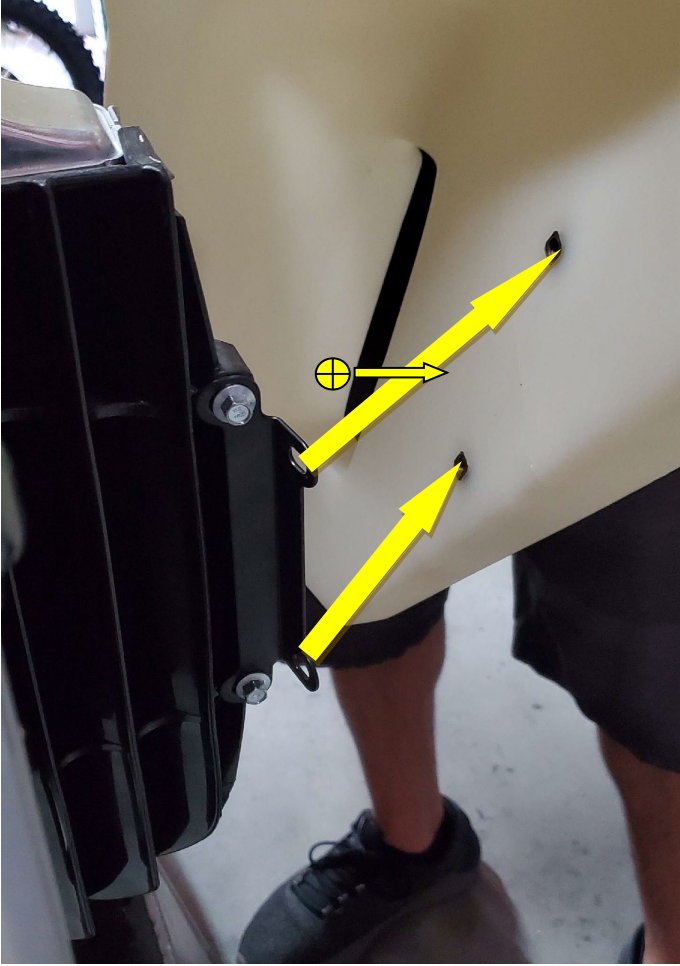
**"FOR COMPETITION USE ONLY"**

"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**

**Illustration 1**



**Illustration 2**





**Illustration 3**



**Illustration 4**



**Illustration 5**

