



700 S. Hathaway St. Unit E
Banning, CA. 92220
Web: <http://www.imsproducts.com>
Orders: (800) 237-9906
Information: (951) 653-7720
FAX: (951) 653-1060

Husqvarna 4 Strokes
FC 450 ROCKSTAR Edition
(18 ½ - 21 ½)

FC 250,350,450 (19-22)

FX 350, 450 (19-22)

FE 250, 350, 350S, 450,
501, 501S (20-23)

Also Fits (20-23) TE150i-TE300i
& TX300i Models, ONLY With TPI
Fittings From IMS (P/N: 322150)

FUEL TANK:

4.5 GALLONS

IMS Tank ID: HUS-23B

IMS Part # 112440 & 212440

IMS PARTS LIST

- (1) Fuel Tank
- *(1) Gas Cap-322100-BLK
- *(1) SEAL-322101
- (*Excluded on Dry-Break*)
- (5) 5x18 Button Head
(MTP-7380105018)
- (10) 5x12 Button Flange
(MTP-73801F05012)
- (3) Small Shoulder Washers
(BRK-SITWAH-S)
- (1) Medium Shoulder Washer
(BRK-SITWASH-L)
- (2) HUS-23 Brackets
(BRK-IMS-HUS-23)
- (1) 6x12 Button Head (MTP-
7380106012)
- (4) 6x12 Flange Bolt (MTP-
5369106012)
- (4) 5x12 Flange (MTP-
1189105012)
- (2) 5x12 Flat Allen (MTP-
7991105012)
- (1) KTM Square Seat Bracket
(BRK-IMS-PLATE)
- (1) Set of Drill Point Templates
(TMP-HUS-23)

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

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 and tank bolt and bushing (center mount). 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. Remove the 4 screws holding the pressure regulator. Unbolt the fuel pump on the left side by removing the fuel line & large cap nut. Remove the regulator & the attached pump.

TANK INSTALLATION

NOTE: To make installing the pump into the IMS tank easier fish a safety wire or string from the large pump mounting hole to the regulator opening, attach the pull line to the large mounting stud of the pump. Install the pump & regulator in the IMS tank, using the supplied (4) 5x18mm screws (Illustration 1.) Mount tank on the bike, reconnect the fuel line & power cable to the regulator and install (1) 5x18mm screw and (1) Medium shoulder washer into seat insert just forward of the center-mount bolt & bushing. Next, attach the provided "Rear seat-hook bracket" to the tank using (2) 5x12 flat allen screws. Finally, attach the seat-shroud hook into the top of the "Rear seat-hook bracket" using (1) 6x12mm button head screw. ** This will act as the rear seat-hook ** (See Illustration 1 for Layout of these brackets). Install flat black bracket to Radiator using 2 x 6x12mm flange bolt as shown in. Secure other end of the bracket to your IMS Tank using 2 x 5x12mm flange bolts. Repeat for each side of the bike (Illustration 2).

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 3). After removing the mounting fin, use the included template stickers to identify drill locations on your shrouds (See Illustration 4). Once template is installed mark each drill location with a sharp tool. Remove templates and drill locations with a very small drill bit. Place shrouds onto your IMS tank 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 ¼" drill bit. Install shroud to your IMS tank using 5x12 socket flange screws provided at the newly drilled locations and OEM mounting locations (Note that an additional hole will need to be drilled in the left shroud aligned with the insert in your IMS tank (See Illustration 1)). Attach seat onto tank.

****Please see included illustrations for further clarification****

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

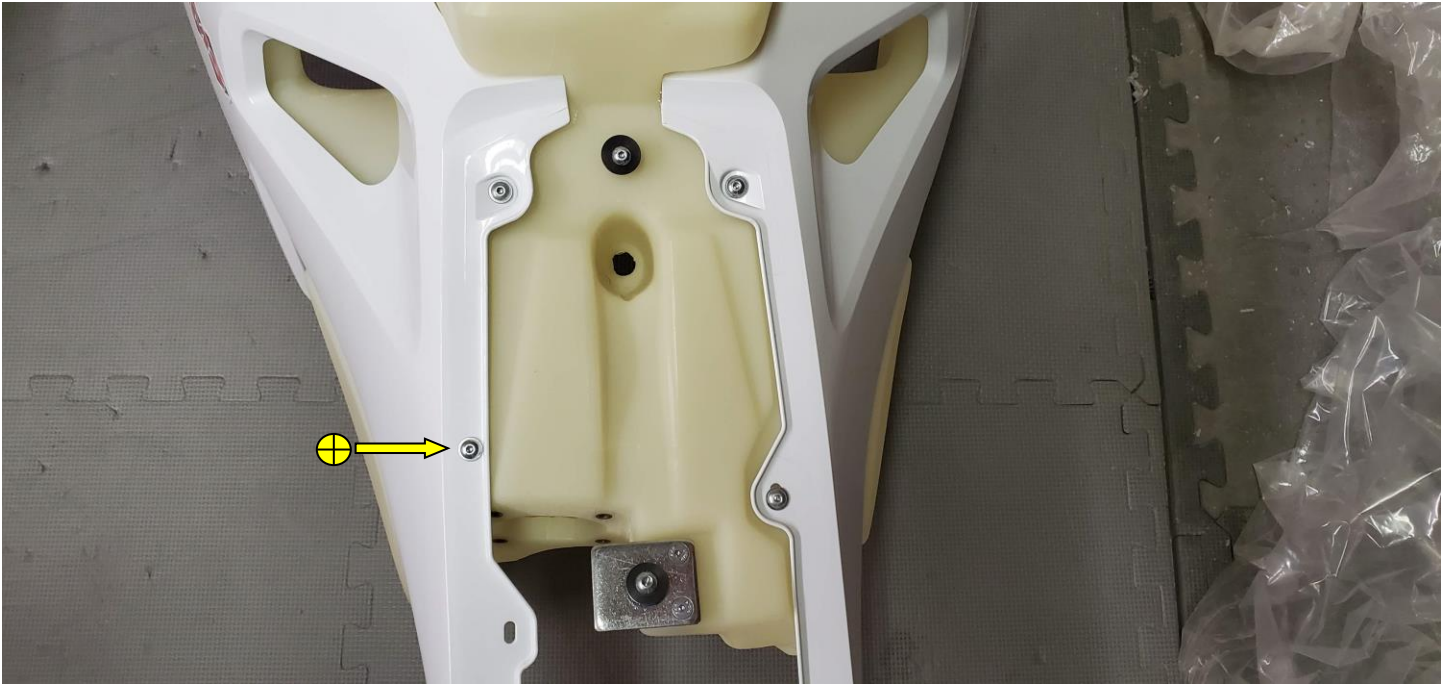


Illustration 2



Illustration 3



Illustration 4

