



## HONDA: CRF250R 2010

### FUEL TANKS:

IMS Tank ID # CR-25

IMS Part #112244, 212244

### PARTS LIST

- (1) Fuel Tank
- (1)\*Gas Cap & Seal  
(\*Excluded On Dry-Break)
- (1) 1/4" x 1" Flat Washer
- (2) 6 x 12mm, 13mm Flange,  
8mm Hex Head Bolt
- (1) 6 x 20mm, 10mm Flange  
Hex Head Screw
- (1) Front Mount Bracket (With  
Rubber Grommet & Metal Sleeve)
- (4) Alum shroud extension  
Brkts
- (4) 6 x 16 Screw 8 hex 10 flange
- (1) O-Ring #D-339 Viton  
MCM #1201T949
- (6) Flat washer/SAE8171601  
Spacers for EFI pump sleeve  
washer combination

### STOCK ITEMS TO USE

- EFI pump assembly & screws  
OEM O-rings not used. Place  
O-rings in sealed container and  
Store with stock fuel tank
- Fuel Line
- Vent Hose

### **WARNING!**

Prior to installation Clean IMS Tank  
interior 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 lead to Severe Bodily Injury  
or Death.

Read all instructions prior to installation

## TANK REMOVAL

Drain the fuel from your stock tank into approved gasoline  
container. Remove the seat, then the rubber tank strap. Remove shrouds  
and screw holding mount at front of tank. Pick tank up off the frame to  
disconnect fuel line and power cable from EFI pump. When tank is  
empty remove EFI pump taking note, order of washers and sleeves on  
attachment screws. Store the two OEM O-rings from pump in a sealed  
container with OEM fuel tank. IMS application only requires one O-ring  
and it is supplied in tank hardware kit.

## TANK INSTALLATION

Mount OEM seat button and rubber strap stay to the IMS tank. Fit  
the IMS supplied O-ring onto the EFI pump assembly. Install pump  
assembly into IMS fuel tank. Pump assembly attachment screws, Four  
screws are inserted thru OEM flat washer first, Two are inserted thru an  
OEM bracket first, then assemble all Six in the following manner,  
Aluminum collared sleeve, IMS provided flat washer, Spring washer.  
Insert each screw assembly thru metal ring then plastic pump flange and  
into tank. Torque bolts to OEM specifications. IMS washer provides  
additional clearance between OEM aluminum sleeve and the brass fittings  
in IMS tank. Next attach the IMS mounting bracket at location on frame  
where OEM tank fastened just below steering head. Use the supplied 6 x  
20mm flange head screw with 1/4" x 1" flat washer.

Frame rail grommets must be positioned to align with recessed  
areas in IMS tank bottom. Connect fuel line and power cable to EFI  
pump assembly. Place IMS tank onto frame. Attach tank to mounting  
bracket with the two 6 x 12mm bolts. Turning the handle bars to the stop  
(left or right) will give you a straight shot to fasten screws with a tee  
handle etc. Attach rear hold down strap. Install IMS supplied aluminum  
extension brackets at four shroud mount locations - radiator and frame  
on both left and right sides. Insert 6 x 16 screw into recessed hole in  
bracket then attach in designated location. OEM shroud attachment screw  
will thread into second hole in IMS bracket Be sure to leave the screws  
loose until brackets are adjusted to line up with holes in radiator shrouds.  
Tighten brackets and install shrouds. Install seat. Push OEM vent hose  
onto vent nipple of IMS gas cap.

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 which may eventually  
puncture the tank. Fill the fuel tank and install IMS gas cap. **CHECK  
FOR ANY LEAKS. NO LEAKS. ENJOY YOUR RIDE!!**