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Orders/Information: (951) 653-7720

HONDA

CRF450L (19-20)

CRF450X (19-24)

CRF450RL (21-24)

IMS Tank ID# CR-32

IMS Part #112255 / 212255

PARTS LIST

- (1) Fuel Tank
- *(1) Gas Cap-322100-BLK
- *(1) SEAL-322101
- (*Excluded on Dry-Break*)
- (1) 6x25 Flat Washer
(MTP-9028106025)
- (1) 6x25 Flange Bolt
(MTP-1189106025)
- (6) 6 x 16mm Flange 10mm Head
(MTP-1189106016)
- (2) 6x16mm Large Flange
(MTP-5369106016)
- (4) 5x12 Big Flange
(MTP-1189105012)
- (1) 6 x 16 Button Head
(MTP-7380106016)
- (1) 6mm Washer (MTP-1258106001)
- (3) 6x12 Big Flange Bolt
(MTP-5369106012)
- (4) Plastic Collars (MCM-90061A015)
- (1) Rubber Bumper (MCM-9540K34)
- (1) SB24-2 Front Mount Bracket
(BRK-IMS-SB24-2)
- (1) Grommet (MCM-9307K42)
- (1) Spacer (BRK-SP1006X8FK)
- (1) "CR-28" L Bracket
(BRK-IMS-CR28-L)
- (1) "CR-29" Bracket (Seat Hook)
(BRK-IMS-CR-29)
- (1) O-Ring #R-341 Viton
(MCM-9464K156)
- (6) Flat Washers (MTP-SAE8171601)
Spacers *EFI Pump Sleeve
Washer Combination*

STOCK ITEMS TO USE

- EFI Pump Assembly & Screws
- *OEM O-rings Not Used.*
- 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 an approved gasoline container. Remove the seat and then the rubber tank strap. Remove shrouds and the screw holding the mount at the 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 of the order of washers and sleeves on attachment screws. Store the OEM O-ring & Dust Seal 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 supplied "CR-29" bracket to IMS tank seat hook location using (2) 6 x 12mm, large flange bolts.

Remove OEM pump sealing ring and dust seal, then fit the IMS supplied "9464K156" O-ring onto the EFI pump assembly. Install pump assembly into IMS fuel tank following this sequence: Pump, flat metal pump flange, IMS provided flat washers, OEM spring washers, OEM aluminum sleeves then the OEM stopper cable guide. Bolt the entire assembly down using the (6) IMS provided 6x16 flange bolts.

Next attach the "SB24-2" mounting bracket at location on front of tank where OEM tank fastened, just below steering head. Use the supplied (1) 6 x 12mm large flange bolt, then mount bracket to frame *The side with the rubber grommet should attach to frame using (1) 6 x 25mm, large flange bolt with 1/4" x 1" flat washer*

Frame rail grommets must be positioned to align with recessed areas in IMS tank bottom. Attach rubber bumper "9540k34" using (1) 6 x 16mm button head bolt and (1) 6mm washer to frame near right rear of tank.

Connect fuel line and power cable to EFI pump assembly.

Place **IMS** tank onto frame, attach "CR-28" L bracket to the left rear of the tank and your frame using (2) 6x16mm large flange bolts pushing down while tightening. *the slotted portion of bracket should be installed to the tank*

Replace OEM shroud bolts by using (4) plastic collars & (4) 5x12mm bolts onto IMS Tank. (see Fig. 1 and Fig. 2).

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 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. NO 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

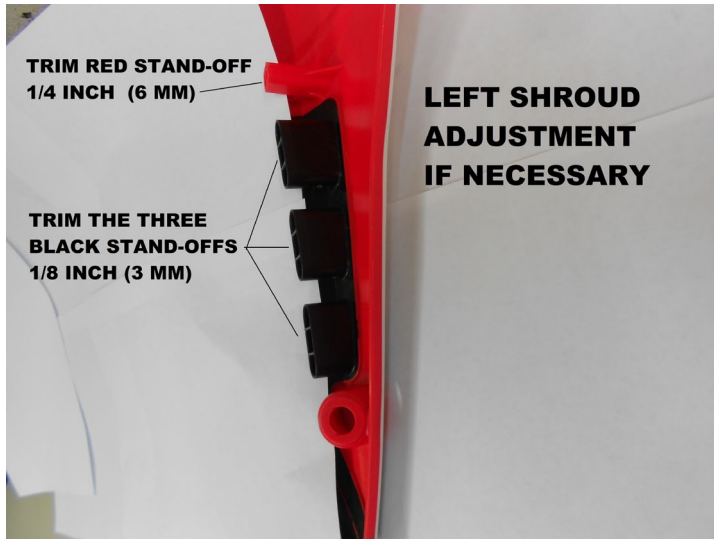


Fig. 1

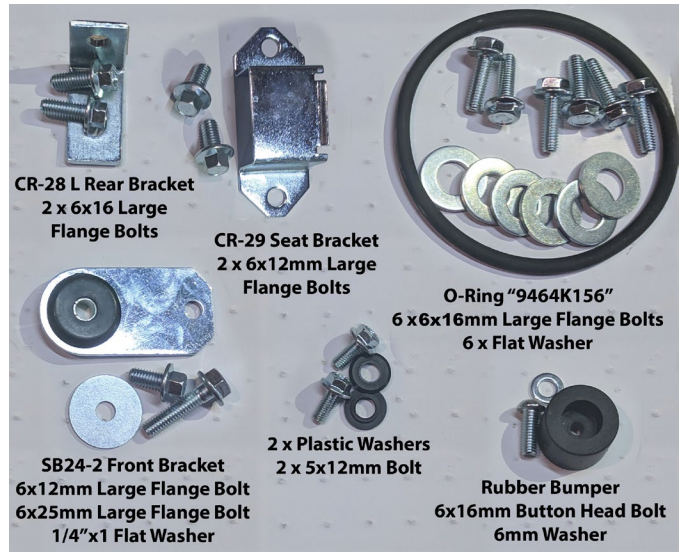


Fig. 2

