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KTM Models 2008-2020

Coolant Recovery Tank: **150cc / 5 oz.** **IMS TANK ID : CRT-1**

IMS PART #:
109502-N2

IMS PARTS LIST

- (1) Coolant Recovery Tank
- (1) 5x8mm Button Head Bolt
- (3) Small Zip Ties
- (3) Large Zip Ties
- (1) Z Bracket
- (1) 60" 1/4" Blue Vent Tubing
- (1) 48" 1/8" Clear Vent Tubing
- (1) 24" 7/32" Black Vent Line
- (1) 36" Safety Wire
- Dimensions 9"x 2-1/2"x 1"

10% OFF

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WARNING!

Clean Tank Interior Thoroughly Before Installation. Install This Tank ONLY In a Well Ventilated Area, IMS Recommends That Installation Be Done By a Licensed Mechanic. Read All Instructions First Before Beginning Installation.

TANK INSTALLATION – KTM 250/450 Factory Edition (15-19) SX-F/XC-F (16-20)

1. Remove Head Pipe.
2. Remove radiator overflow line from fitting attached to chassis.
3. Unplug gas cap vent fitting from chassis. Remove fitting from vent line and reconnect vent line to fitting that previously held radiator overflow line. IMS has supplied 24" of black vent line if your OEM line does not reach. (remove fuel tank if necessary)
4. Drill 13/64" hole (Fig. A) centered on center stem of chassis at 4 1/4" up from top of half-moon (Fig. B) at bottom of frame. Use Radiator Tabs (Fig. C) to find center.
5. Use sharp tool to punch small hole 1/4" from one end of the supplied larger blue tube. (Fig. D)
6. Place tie wire through hole created in step 3. Knot or tie wire securely. (Fig. E)
7. Thread tie wire through hole in frame shown (Fig. F). Note – Larger tube will enter frame on side opposite radiator cap.
8. Tie wire will feed into center stem of chassis. Use of soapy water will help line feed more easily. (See Fig. G for opening in center stem and Fig. H/I for routed line)
9. Repeat steps 7/8 on opposite side of frame with smaller supplied tube. This can be done without the tie wire, but tie wire may simplify process.
10. Cut off small section of tubing to remove holes made in step 5. Attach both supplied tubes to Coolant Recovery Tank. Larger hose connects to larger fitting. (Fig. J) For best performance IMS recommends pre-filling Coolant Recovery Tank approx. half-way with coolant at this point.
11. Use 2 of the supplied small zip ties to secure tubing to fittings on the Coolant Recovery Tank
12. Gently pull hoses back through holes at top of frame. As Coolant Recovery Tank Rises into Frame, align center insert with the hole drilled into the frame. Secure Coolant Recovery tank at this point using the supplied 5x8mm button head bolt.
13. Route larger tube to radiator cap as shown (Fig. K). Disconnect OEM overflow tube and attach supplied tube to radiator cap.
14. Secure the tube to the radiator cap using 1 of the supplied small zip ties.
15. Route smaller tube (Overflow / Vent Line) to convenient and safe location, i.e. bottom of the chassis (Fig. L -> yellow line shown for illustration). 3 larger zip ties are supplied to secure this line as it is routed. Do not overtighten and kink this line.

"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



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TANK INSTALLATION – All other KTM Models 2008-2016

1. Remove OEM Tank and Seat
2. Flip starting solenoid and reinstall as shown in FIG M, routing electrical wires as shown in FIG N
3. Mark side panel as shown to mark interference area with new solenoid position (FIG O)
4. Trim side panel as shown (FIG P)
5. Connect supplied lines to IMS CRT Tank with supplied zip ties and install using Z Bracket as shown (Note, larger line will be blue in your kit). Bracket will install between OEM Side Panel and Bike frame using the OEM bolt for this location. Do not fully tighten CRT Tank to Bracket at this time. (FIG Q)
6. Route both lines over seat bolt location as shown (FIG R)
7. Route lines along frame rail as shown (FIG S Some coloring used to help illustrate important areas)
8. Route lines under frame rail and above engine as shown. Use supplied zip ties to secure line away from motor. (FIG T Some coloring used to help illustrate important areas)
9. Route overflow line (blue) as shown to radiator cap (FIG U)
10. Route vent line (clear) as shown to OEM overflow location in frame. (FIG V)

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Fig A



Fig B



Fig C



Fig D

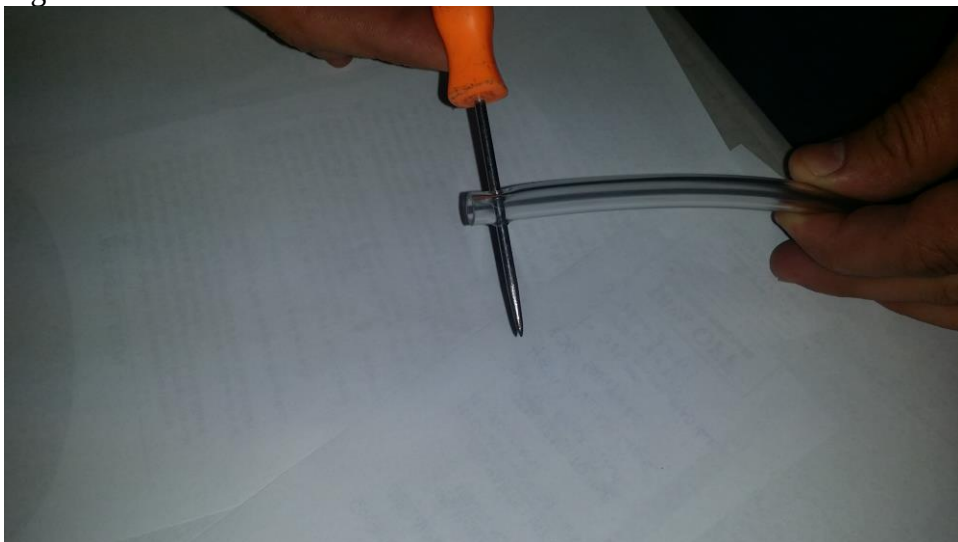


Fig E



Fig F



Fig G



Fig H



Fig I



Fig J



Fig K



Fig L



Fig M



Fig N

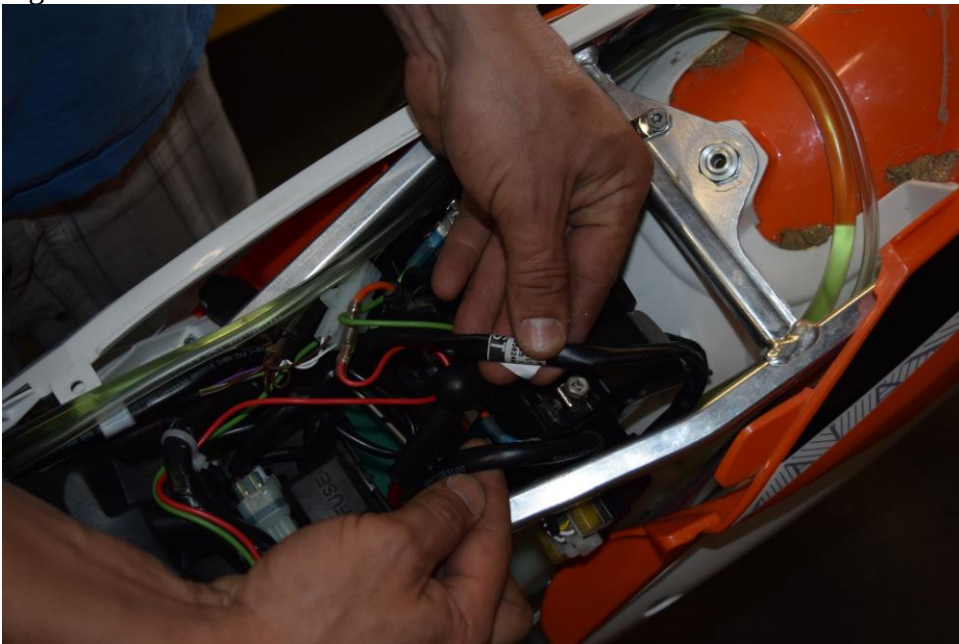


Fig Q



Fig R



Fig S



Fig T



Fig U



Fig V

