



Cooling Fan Kit, 2-Stroke

Part# AB-10274-2T

For all 2013+ RR 2 stroke models

Installation Instructions:

AB-10274-2T 2-Stroke Cooling Fan Kit includes the following items:

1. Fan motor and housing (1)
2. Fan bracket (1)
3. Mounting screws (3); fan bracket to fan
4. Nutclips (3)
5. Self-tapping screws (3); fan bracket to radiator
5. Thermoswitch assembly with coupler (1)
6. Hose clamps (2)
7. Wire harness (1)

1. Remove the seat & fuel tank, front side panels, rear side panels, full exhaust system; both rear muffler & head pipe, then disconnect the battery.

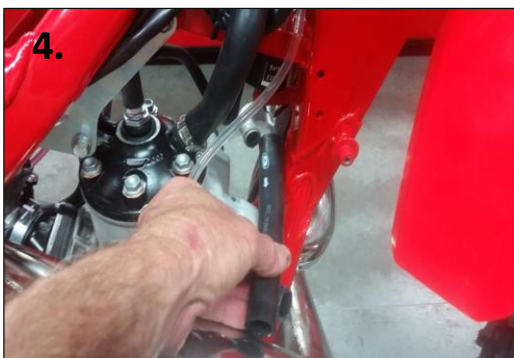
2. Have a clean funnel & clean container ready to catch the coolant, as it will be reused.

3. With the engine cold, remove the radiator cap, & prepare to loosen the drain bolt on the water pump housing as shown (Fig. 2), having the funnel & container ready.

4. Place the funnel in front of & under the drain bolt as coolant will want to flow outwards, being sure to catch all of the coolant in the container & let the system fully drain out.

5. Disconnect the upper radiator hose, lower cross over hose, & the lower radiator hose at the water pump. Remove the two bolts holding the radiator onto the frame & remove the right side radiator.

6. Fully remove the radiator lower cross-over hose & clamps, (Fig. 4). You will install the Thermoswitch coupler into this cross-over hose later.





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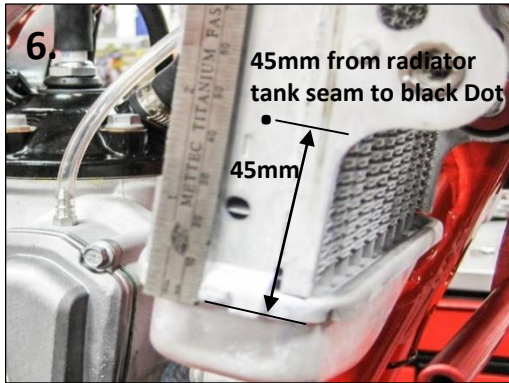
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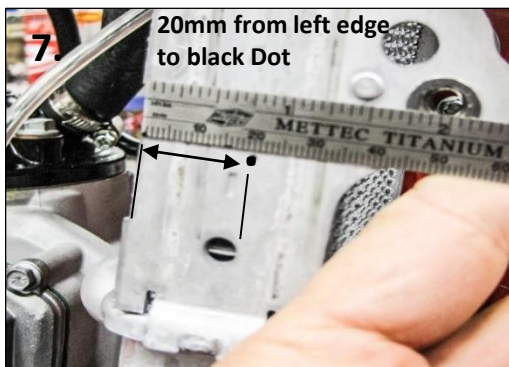
Installation Instructions:



7. Install the fan motor onto the bracket using the 3 nutclips and 3 screws provided, as shown (Fig. 5).



8. Using a pencil, measure 45mm (.77") from the radiator's bottom tank seam upwards, & mark that distance with a horizontal line (Fig. 6).



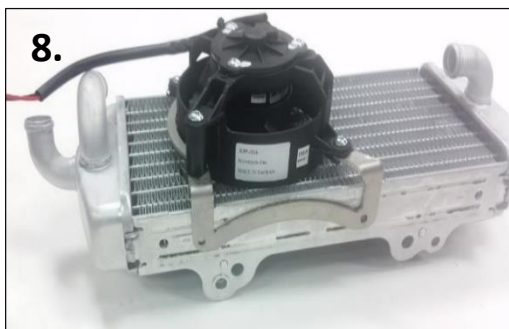
9. Next measure 20mm (.78") from the rear edge of the radiator forward, & intersect at that line to mark your mounting point dot. Using a permanent marker, & mark this dot clearly (Fig. 7).

10. You can very lightly punch the dot to help center the self-tapping screw for the fan bracket lower mounting screw hole.

11. Slide the fan & bracket onto the back of the radiator as shown (Fig. 8), lining up the lower mount hole with the dot.

12. Adjust the fan & bracket so the bracket face sits against the radiator fins, being sure all three corners of the bracket are laying flat against the radiator.

13. Mount the fan bracket to the radiator using the three self-tapping screws provided, being careful not to overtighten them or strip the threads, (Fig. 9).



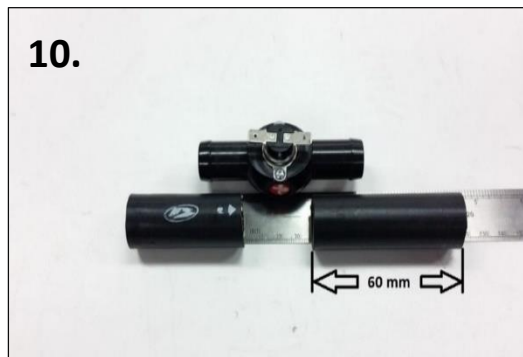
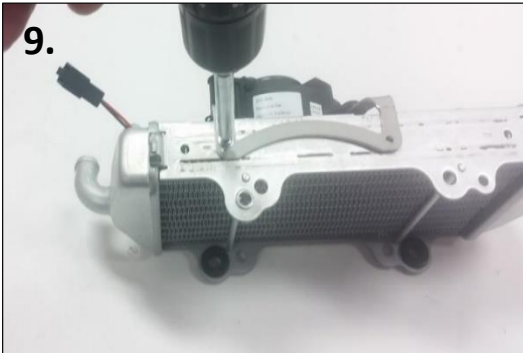


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14. Cut out a 35mm (1.37") section from the lower cross over hose to allow room for the Thermoswitch coupler, making sure one of the hoses is roughly 60mm (2.36") in length as shown, (Fig. 10).
15. Install the Thermoswitch coupler to the hose using the two hose clamps provided. Make sure the clamps are tightened securely, & are in the same position as shown, (Fig. 11) to prevent them from rubbing against the frame.
16. Connect the 2 plugs of the included wire harness into the Thermoswitch as shown, (Fig.11). Reinstall the radiator, along with the radiator cross over hose, the lower cooling hose connecting to the water pump, & the upper coolant hose.
17. Connect the fan wire plug to the Thermoswitch loom plug, then connect the remaining plug from the Thermoswitch wire loom into the main harness of the motorcycle.
18. Ensure the fan wires are ziptied to the black plastic fan frame as shown, (Fig. 12), & secure any other loose fan connection wires with zipties.
19. Check your work to ensure all clamps, wires, plugs & coolant hoses are routed & fastened correctly.
20. Reinstall the fuel tank, connect the fuel lines, install the exhaust system, reconnect the battery.
21. Fill the radiator with coolant then start the engine & ensure that the cooling system has been fully bled of trapped air before replacing the radiator cap. Install the side panels & seat, & you're ready to ride.