

Electric Water Pump Instructions

1. Remove left radiator trim cover by loosening allen screw on bottom. Next lift top corner of trim cover and slide trim cover down to remove. Note – there is a plastic hook on the backside of cover and the top corner must be pried up before the hook can move downward in order to remove cover without breaking plastic hook off.
2. Loosen drain plug to drain majority of coolant. Removing radiator cap will allow coolant to drain faster.
3. Tighten drain plug and reinstall radiator trim.
4. Place drain pan under clutch cover to catch remainder of coolant.
5. Remove hose clamp and bolts from water pump housing. Note – coolant will come pouring out.
6. Remove water pump cover and gasket.
7. Remove water pump housing by twisting and gently wiggling free. Note – do not pry on housing in order to remove.
8. Clean engine case and water pump mating surfaces with brake cleaner.
9. Apply grease to new pump o-rings.
10. Apply 1104 or similar permatex sealant around two coolant passages on backside of water pump.
11. Gently push on water pump evenly so o-rings do not roll over.
12. Tighten water pump fasteners to 86in lbs or hand tight.
13. Reconnect hose to top of water pump with hose clamp.
14. Run black wire (ground) to a constant ground source such as battery ground or a good chassis ground.
15. Run blue wire (switched 12V) to any 12V source that has 12V with key on only. Note – a switch can also be used to turn on pump on at anytime, even when bike is off. Give one side of switch battery 12V and run other side of switch to water pump.

Vance & Hines Motorsports
1211 Northfield Drive, Brownsburg, IN 46112
Tel: (317) 852-9057 Fax: (317) 852-8954
E-mail: tech@vhmotorsports.com
Web: www.vhmotorsports.com
Opening Hours – Monday through Friday, 8am – 5pm, Eastern Standard Time

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