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DDMWorks Billet Hose Clamps—DDM-16-8

Installation time of the Billet Hose Clamps depends on you and your mechanical skills. It is suggested that you read through the directions a few times to familiarize yourself with the components of the kit, and your car.

If you are pretty handy with tools the Billet Hose Clampscan be installed in 30 minutes, however we suggest that you schedule at least an hour for the installation.

If you have any questions during the installation you can call us at (864) 907-6004 or email us at Tech@ddmworks.com.

Some Slingshots are equipped from the factory with Philips head bolts and other slingshots use T30 Torques head bolts. Take note of what your slingshot came equipped with and prepare the tools required.

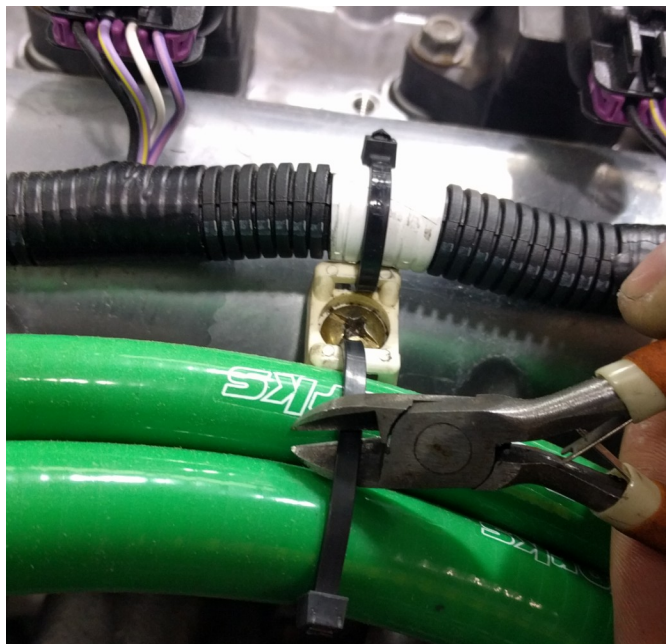| TOOLS NEEDED |
| --- |
| Philips screw driver or T30 torques bit |
| Side Cutters |
| Pliers or channel locks |
| 5mm allen wrench |
| 10mm socket wrench |

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Before you begin:
Make sure your slingshot is cool to the touch and has not been ran in the last hour. You will be working on the Valve cover and with the Cooling system. If the Slingshot is hot wait until it has had time to cool down before starting the install.

Starting on the front of the valve cover you will see the two factory P style clamps held on by 10mm hex head bolts.

1. Using a 10mm socket wrench remove both of the bolts holding these two clamps in place.
2. Carefully spread the clamps apart and slip them off of your hoses.
3. Moving to the side of the Valve Cover you will see two plastic mounts bolted to the valve cover. Depending on your slingshot you may have a different style fastener holding these in place.
4. Using a pair of cutters carefully remove the cable ties making sure not to damage any hoses or wires.
5. With the hoses and wires free of the plastic mounts use the appropriate tool to remove them from the valve cover.

At this point all of the factory clamps and ties should be removed from the Slingshot.

Starting with the New Clamps on the Side of the Valve Cover.

1. Begin with one bottom section of the three hole clamps. Place it on top of the bolt hole you just removed the factory clamp from. Insert the wires for your coils into the first section of the clamp.
2. Moving outward past the bolt hole place the two hoses in their respective sections of the clamp bottom. Small hose in the small section, and large hose into the larger outer most section.
3. Now place the top half of the new clamp over the hoses and wire loom. Make sure everything is seated properly. Then insert the bolt provided.
4. The bolt will line up with the threaded hole in the valve cover and using a 5mm allen wrench tighten the clamp down holding everything in place.
5. Repeat these steps on the remaining three hole clamp.

Note: To identify the top half of the three hole clamp it has been designed with a cut out.
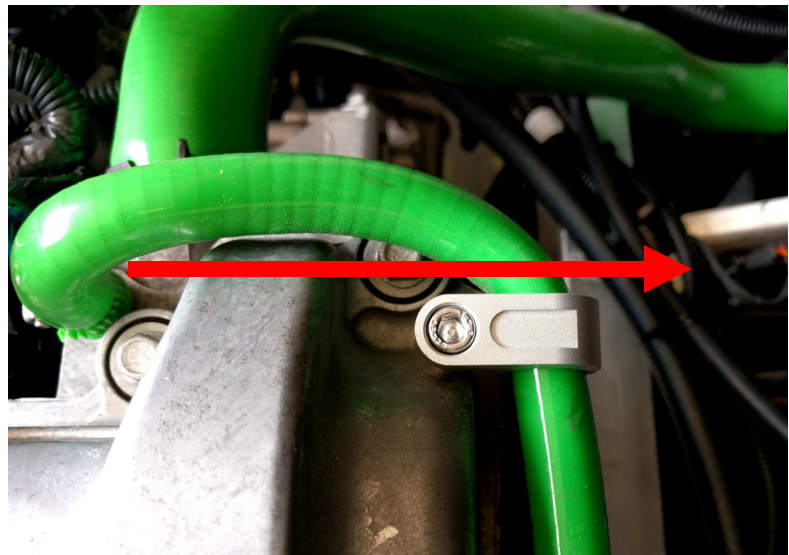
Moving onto the front of the valve cover you will need to remove one end of the coolant hose to be able to slip on the new Front P Clamps. Note: You may loose a small amount of coolant. Have some shop towels ready to dry any spilled coolant up. You can add coolant later if needed.

1. With one end of the coolant hose removed slip the two new clamps into place on the hose. Be sure the bolt holes are facing up and pointing toward the valve cover.
2. With the new clamps on you can return the coolant hose and clamp it back down.
3. Move the New Clamps to their respective positions over the threaded bolt holes in the valve cover.
4. Insert the new Socket head bolts provided and tighten them down.
5. **The clamp on the driver side needs to be straight forward inline with the valve cover or it will interfere with the hood when it is closed.**

Congratulations! You have finished the install. All of us here at DDMWorks thank you for your purchase and hope you enjoy your new Billet Hose Clamps.

If you have any questions feel free to give us a call or text us at 864-907-6004. You can also email us at Tech@ddmworks.com.

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