

Air Induction System AIS Bypass or Removal

No Air No AIS for V-Star 1100 / Dragstar

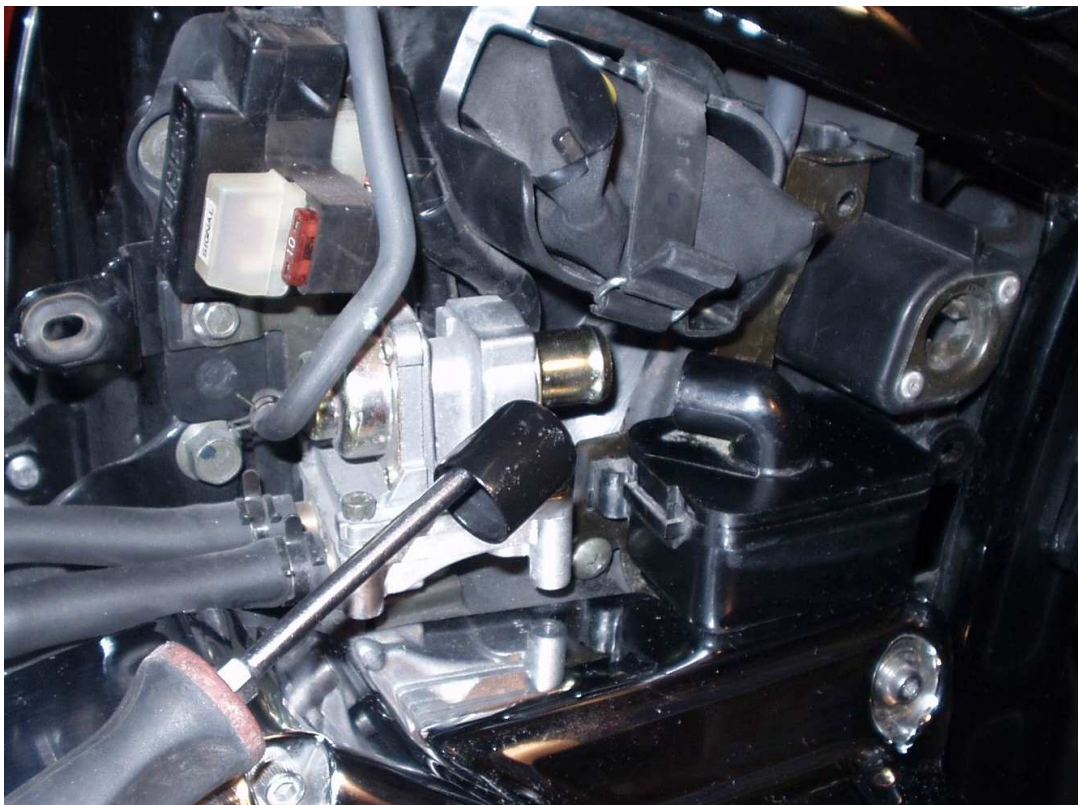
In the early days of my V-Star1100 riding, I wanted to bypass the Air Induction System AIS of my 2002 bike. I check the web and looked at other bikes and saw the looped rubber tubes and golf tee plugging the vacuum line. I tried this and did not like it. I asked another mechanic what he did to eliminate the V-Star AIS. I offer him a cold can of Pepsi and asked him if he would explain his AIS removal method.

This mechanic simply explained that he plugs the air intake tube or air intake line on the AIS system. He said to remove the left side cover and plug the short two-inch long rubber tube that goes to the AIS air cleaner.

We finished our Pepsi and I rode home to do as he said. I realized that the AIS system requires air to function. This mechanic simply stopped the air intake and stopped the AIS system. I call it, "No air, no AIS." And it does work well.

This was an easy AIS removal and it did not show on the bike. I put my looped tubes and vacuum line back where they belonged. I then pulled the air cleaner rubber tube off and found a suitable plug at the hardware store. Actually, two plugs. One plug fit inside the rubber air tube and one plug or cap fit over the top of the air intake tube on the AIS unit.

The following picture shows the AIS and AIS air cleaner on a V-Star 1100. The short two-inch rubber air tube that connects the AIS to the small 2 by 3 inch air cleaner box below it has been removed and a cap is being installed.



The air cleaner box can be completely removed or left on the bike. This picture shows the air cleaner box on the bike.

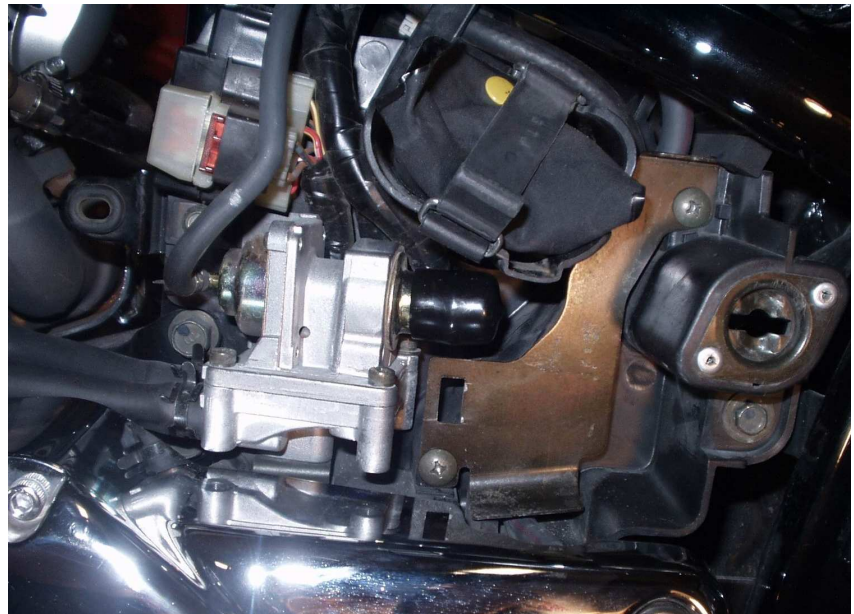
This picture shows the two different plugs, or plug and cap that can be used to block the air to the AIS. The left plug is a 13/16 inch diameter PVC plastic plumbing cap used to plug the inside of a 1/2 inch PVC plastic pipe joint. On the right is a 3/4 inch plastic cap used to cover a chair or table leg. Other suitable caps or plugs can be used.



This picture shows the cap being installed on the AIS unit with the AIS air cleaner still on the bike.

This picture shows the AIS unit with a cap installed and the air cleaner box removed. The AIS air cleaner box is removed by removing two screws and one 10mm bolt. The air cleaner mounting plate can be reinstalled to cover the fuel lines and the screws and bolt reinstalled.

Now you can ride your bike without AIS.



Visit VSTAR.BRAZILMISSION.net for more V-Star and Dragstar 1100 modifications and information.

Have a good day and safe ride.