

**Supplemental Instructions
For
IH Four Cylinder 152/196 Application**

Robertshaw-design Balanced Thermostat Installation

While the actual thermostat housing and balanced thermostat installation procedure regarding IH-produced 152ci and 196ci applications is essentially the same as for the SV engine application, there are some differences which merit attention.

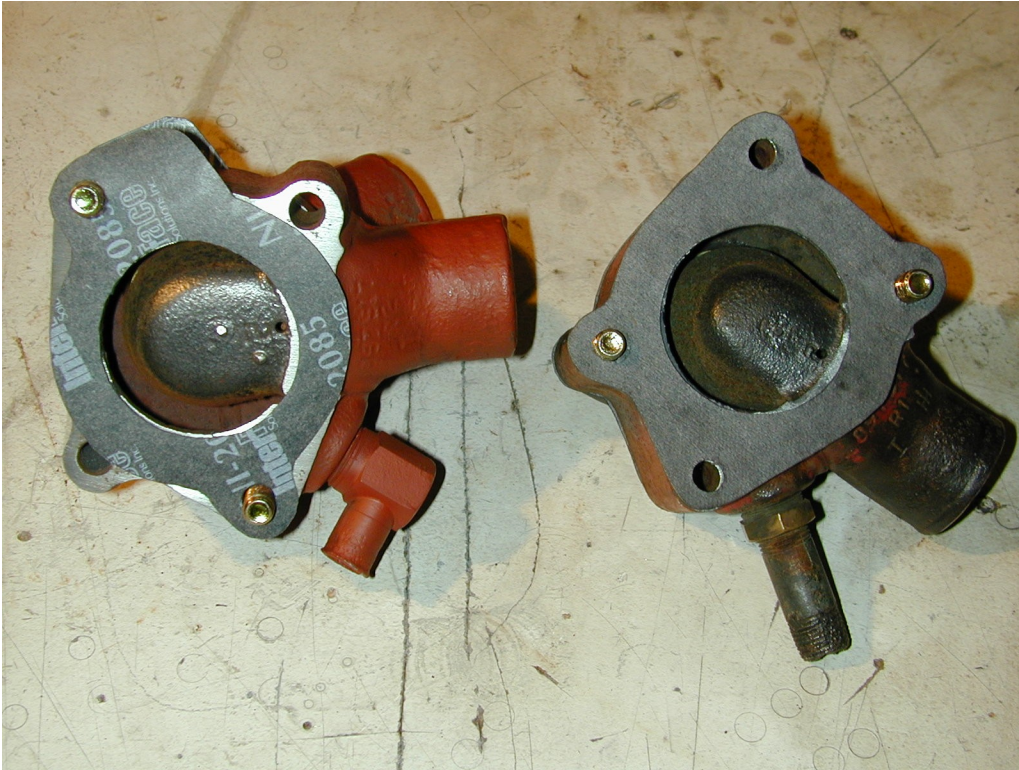
The differences which have been noted are as follows:

- The "center-to-center" dimension of the mounting hole location for the water neck, thermostat housing, and intake manifold for the four cylinder application is 3.800".
- The "center-to-center" dimension of the mounting hole location for the water neck, thermostat housing, and intake manifold for the SV application is 4.00".
- The differences between the two mounting hole dimensions results in the need for an upper and lower housing gasket of a different design. While it's possible to produce only "one" gasket to cover both applications, I've found that the center line of the water neck opening in the mounting flange of the four cylinder is shifted somewhat from the same location in a typical SV water neck. In order to create the thermostat "seal" in the thermostat housing, a "universal" gasket doesn't work properly. The same casting/machining variances hold true for the bottom thermostat housing gasket where it creates the seal at the intake manifold.



SV water neck/housing on left, four cylinder assembly on right

Enclosed in the thermostat kit box supplied for four cylinder applications, you will find two specific gaskets, an upper gasket which seals the thermostat flange to the housing, and a lower gasket which seals the housing to the intake manifold boss.



Assembly on left is for SV application, assembly on right is four cylinder application

If the contents of your thermostat kit box include TWO sets of gaskets, then use only the **single pair** which are appropriate for your application!