

AMERICAN CAR CRAFT

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HHR STAINLESS ENGINE SHROUD w/CAPS INSTALLATION INSTRUCTIONS

PART # HHES110

PARTS INCLUDED:

- 6-Stainless Covers
- 3-Chrome Cap Cover w/Velcro Attachment
- 3- Adhesive Promoter Pack
- 6-Test Strips

Your covers come to you with a protective liner. Do not remove liner until installation is complete.

The new HHR overlay kit has been designed to compliment the factory casting of the engine shroud. With this application you will transform your shroud into a nice looking custom piece emulating a real metal intake manifold.

1. The first thing you will need to do is to thoroughly prep the shrouds surface keeping in mind that the shroud itself is made of a composite plastic that generally does not allow any thing to stick to it. So it will be necessary to do a VERY thorough job in order to insure a permanent installation. Scrub the entire top surface area with alcohol to remove any and all road grime and dirt. With the surface scrubbed raw swipe the entire area once with the adhesive promoter provided. Once you have completed this preparation, test it in random areas with the sample attachment tape test strips provided. Once you are confident that you have achieved a good prep you can begin installation.

2. Place the small oddly shaped ring into the shroud. Although the ring will fit in either side up you will notice that it will fit a little better one way. So swap it around to find the best fit and also to get acquainted with just how you will set it in place. Peel the red release liner from the back of the ring and firmly press into the shroud.

3. Your kit comes with four center caps designed to set atop the four inner areas of the shroud. Although they come to you pre rolled you will need to tweak the shape a little by hand to achieve a nice contoured fit. You will also notice that there are two different pairs of covers. One set is shaped for the outer area and one set is shaped for the inner areas. Once you have shaped and fitted each piece simply peel the red release liner from the back and firmly set in place.

4. The large section lays flat however before you peel and stick the last part place it in position to make sure that it indeed lays flat. If it doesn't, make any adjustments by hand so that it does. Then simply peel and carefully set it in place pressing firmly over the entire surface to achieve a nice bond. Remove the protective liners.

5. You have been provided with three decorative chrome caps. These caps are to be placed at the oil fill, coolant fill and over flow tank fill. In order to install these caps you will need to thoroughly clean each cap surface with rubbing alcohol to remove dirt then swipe once with the adhesive promoter provided. You will notice that there is a Velcro attachment cookie secured under each cap. Remove the cookie half and attach them to the three prepared factory caps. Then simply place each cap cover in position.

6. **SPECIAL TECH NOTE:** If you are also installing or plan to install our custom hood panel insert you will need to perform some clearance modifications to the engine shroud mounting bracket. First you will need to remove the engine shroud.

1. Unplug the mass air flow harness just to the right and underneath the shroud.
2. Loosen the main air tube clamp.
3. Unclamp the small vacuum tube to the left of the main air tube and pull the tube loose.
4. Detach the intake tube from the left inner fender wall.
5. The shroud is mounted via three push on retainers. Simply pull up on the entire unit and lift it out of the engine bay.
6. Remove the two bolts securing the front left mounting bracket and remove. NOTE: This bracket will not be reused.
7. You will notice the mounting bracket attached to the back of the engine. Remove this bracket and place on a table. Place a mark on the bracket 1/2" up from the two holes center to center. Drill two 3/8" holes at your marks. This will enable you to lower this bracket by 1/2". Once this step is complete, simply reattach the bracket and reinstall the entire engine shroud assembly.

If you have used any products to make your engine cover "shine" you will need to make an extra effort in cleaning and preparing the surface for installation.

Returns are allowed only for parts with manufacturing defects. Installation errors are not manufacturing defects and parts can not be returned do to improper installation.



If any questions occur during installation, please contact American Car Craft at 727 857-1151.

Thank you and enjoy your new purchase.

Note: Care must be taken when cleaning your covers. It is a good idea to lightly dust your covers with a clean soft cloth first in order to prevent any particles from scratching them. Then wipe (using a new clean soft cloth) with a good quality streak free glass cleaner.