

## ½ Radiator Install

These are basic instructions that should be used as a guide only. You should also have access to a factory service manual if need be.

### Disclaimer

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### Required Tools:

- hand tools
- jack
- jack stands
- wheel chocks
- drill
- drill bits

### Tools to make the job easier

- welder
- right angle grinder
- right angle drill attachment
- friends, assistants, or minions

### Required Parts:

- honda ½ style radiator....del sol, PWR, C&R, etc
- 1 gal of distilled water
- antifreeze
- hose clamps
- good idea to use new radiator hoses....the stock GSR hoses fit perfectly on this install.

### Instructions

The following install was performed on a 1994 GSR. Other installs are very similar if not exactly the same.

1. Drain coolant
2. Remove radiator hoses
3. Remove radiator
4. Remove the radiator mounting brackets and bushings (2 lower & 1 upper). The mounting brackets can be removed by drilling the spot welds, separating them with an air chisel, or you can separate them with a cut off wheel.



Figure 1. Radiator tab spot weld drilled.

5. After you have removed the radiator mounting tabs, set them aside. They will be used later.
6. Prepare the  $\frac{1}{2}$  radiator for installation by placing cardboard across the cooling fins. This prevents damage to the radiator.



Figure 2. Preparing the new radiator

7. Now you will determine placement of the radiator mounting tabs (2 lower & 1 upper) for the  $\frac{1}{2}$  radiator. For most cases, you will want to position the radiator as far to the left or passenger side as possible. This frees up room for large downpipes, crazy wastegate configurations, larger updog, etc. The optimal position is as close to the passenger headlight and about level with the lower crossmember. The radiator hoses will also help determine the placement, as they can only bend so much.



Figure 3. Radiator Placement

8. Once you have determined position, you can tack weld the radiator mounting tabs in place or fasten them with hardware. It's up to you however, we recommend welding the tabs in place. Double check you placement, meaning make sure the hood closes, radiator has adequate ground clearance, hoses line up, etc.
9. Finish weld the tabs or torque them down and allow to cool. Reinstall the rubber bushings.



Figure 4. Welded lower radiator mounting tab



Figure 5. Welded lower radiator mouting tab

10. Install the radiator, hoses, catch can, and fan.



Figure 5. Installed radiator front view



Figure 6. Installed radiator top view



Figure 7. Installed radiator side view

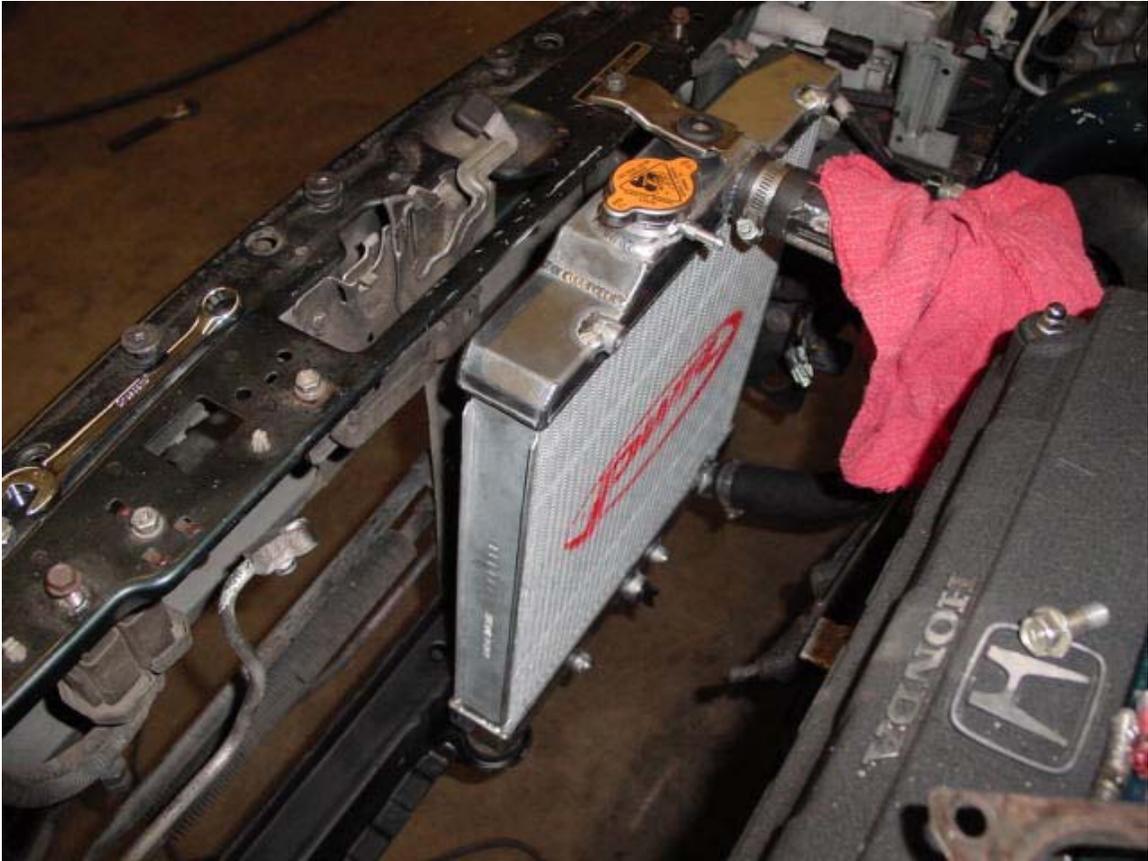


Figure 8. Installed radiator rear view

11. Fill, bleed, and test the radiator and cooling system according to the factory service manual.