

Koolzap®

Steps to Change a Radiator Assembly

1. Before starting, **disconnect the battery** to remove any radiator that has electrical connections.
2. **Drain the radiator. Make sure the engine is cold**, then take off or release the pressure cap on the radiator. Some cars have a tap or drain plug in the bottom of the radiator, open it and the radiator should drain. Make sure to get a container ready to catch the fluid that will leak out.
3. **Pay close attention to the parts you remove and how you remove them.** When installing the new radiator you will be attaching the same parts, in the same way you removed them from the old radiator.
4. **Remove the hoses. Loosen the hose clips** and ease off the hoses by gently twisting them back and forth.
5. **Remove oil and transmission fluid cooling lines.** Before disconnecting the oil and transmission fluid cooling lines. Make sure to get another container ready to catch any oil or transmission fluid that will leak out. (Make sure you check, and top off, the oil and transmission fluid when you are finished installing the new radiator).
6. **Remove parts and pieces blocking access to the radiator** like the shroud or the engine cover. There is a chance that you will only need to unscrew the radiator mounting clips.
7. **Remove the radiator from the vehicle**, making sure it doesn't get hung up on any other parts and that there isn't anything else attached to it.
8. Set both radiators side by side and check the new one over carefully to make sure it is a match to the old one.
9. Reinstall in reverse order.
10. Refill the radiator and pat yourself on the back

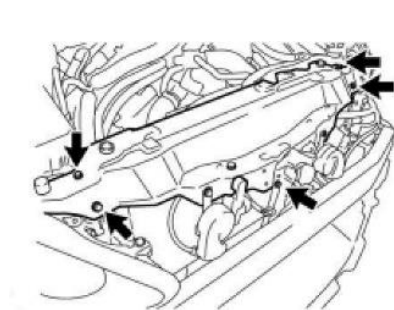


Figure 1

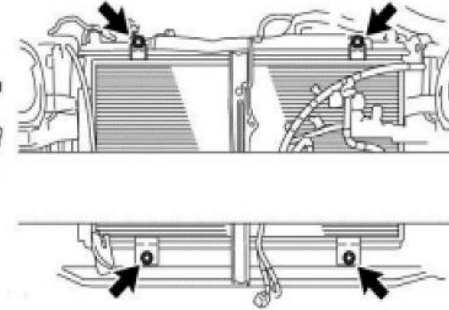


Figure 2

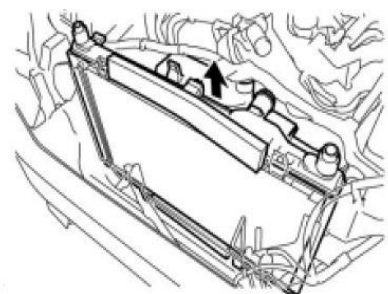


Figure 3