

CorkSport Performance

AXE-6-832 - Gen1 Mazdaspeed3 Aluminum Power Steering Fluid Tank

Gen1 Mazdaspeed3 Power Steering Fluid Tank

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 **TOOLS:**


- Socket, 10mm (1)
- Flathead Screwdriver (1)
- Pliers (1)
- Shop Towels/Rags (1)
- Power Steering Fluid (1)
- Wrench, 10mm (2)

Step 1 — Getting Started



- First and foremost; THANK YOU for becoming a part of the CorkSport Family. We hope to bring you the highest level of Parts, Customer Service, & Support

How To Use These Instructions

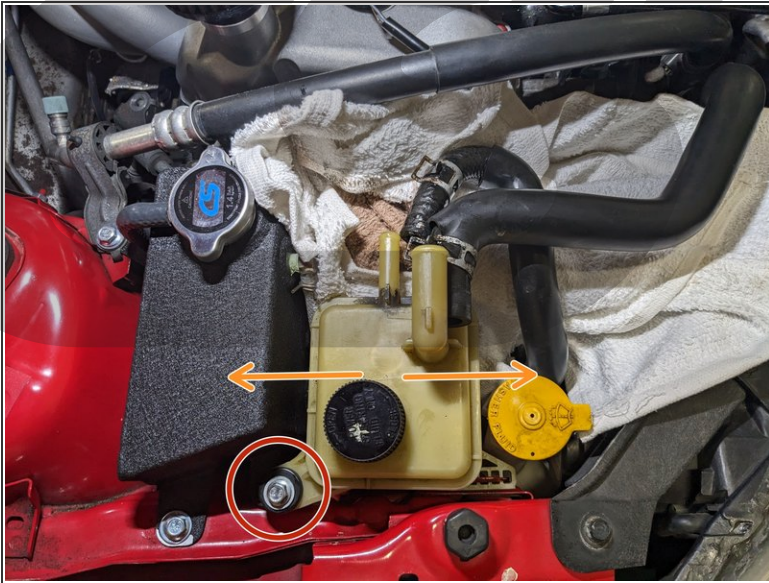
- The instruction format will relate colored marking in the image to the color dot in the text to the right of the image
-  Some of the images shown in this installation guide show the OEM Coolant Tank, while others show the CorkSport Aluminum Coolant Tank installed. Installation of the CorkSport Power Steering Fluid Tank is identical for both Coolant Tanks

Step 2 — Remove the OEM Power Steering Fluid Reservoir - Part 1



- Place some shop towels or rags underneath the hose connections as shown
- ⓘ Please follow this step to prevent excessive fluid leaking and possible damage. Power Steering Fluid is very smelly and can damage paint/stain clothes
- With a pair of pliers, grasp the hose clamps and move them toward the bends in the hoses
- Remove the two hoses from the OEM Power Steering Tank by pulling them away from the tank
 - ⓘ Gently twisting while pulling helps break difficult hoses free
 - ⓘ If hoses are extremely difficult to remove, a 90° Pick can be used to break up any debris seizing the hose to the tank
 - ⓘ Avoid excessive force to avoid stretching or tearing of the hoses
- ⓘ Once removed: to prevent excessive spillage of Power Steering Fluid, rotate hoses so the outlets face upward, or collect spillage into a clean container

Step 3 — Remove the OEM Power Steering Fluid Reservoir - Part 2



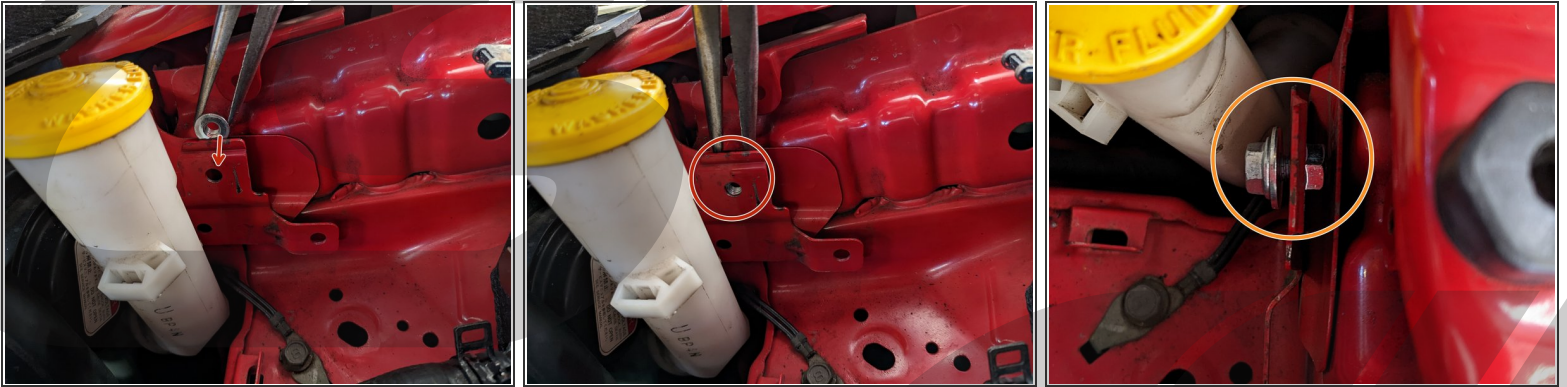
- With a **10mm Socket and Ratchet**, remove the **10mm bolt** securing the Power Steering Fluid Reservoir to the Coolant Tank
- Rock the Power Steering Fluid Reservoir forward and backward while pulling upward until it is free from its mounting location
- Remove the OEM Power Steering Fluid tank from the vehicle
- ⓘ Hold the OEM tank upright to avoid spilling Power Steering Fluid. Clean any spills immediately

Step 4 — Prepare the CorkSport Power Steering Fluid Reservoir



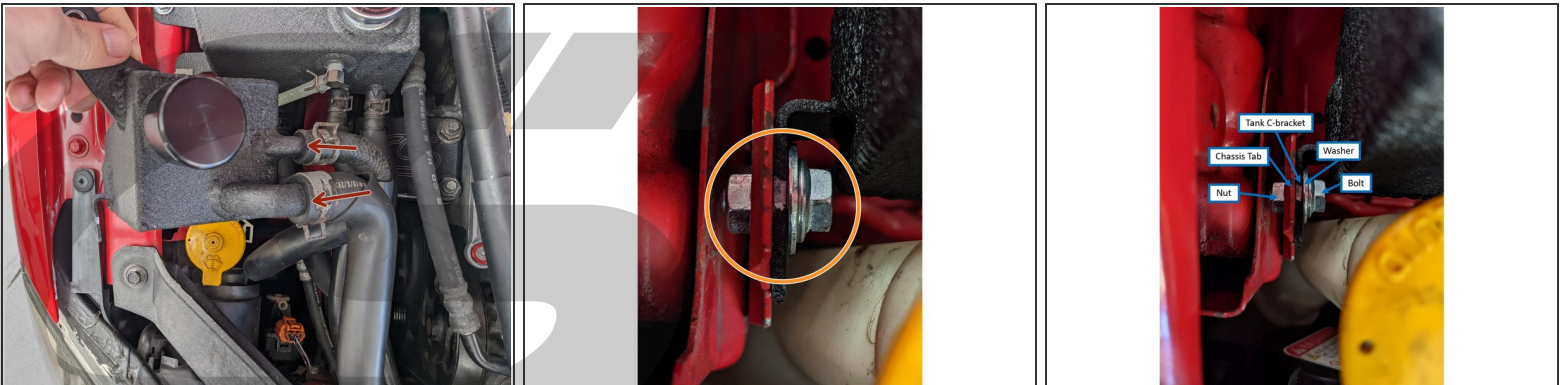
- Carefully remove the rubber bushing from the OEM Power Steering Tank by firmly pulling in the direction shown
 - ⓘ Remove carefully to avoid spilling Power Steering Fluid
- Place the rubber bushing onto the CorkSport Power Steering Tank as shown
 - ⓘ Bushing should have a positive "click" once installed

Step 5 — Install the CorkSport Power Steering Tank - Part 1



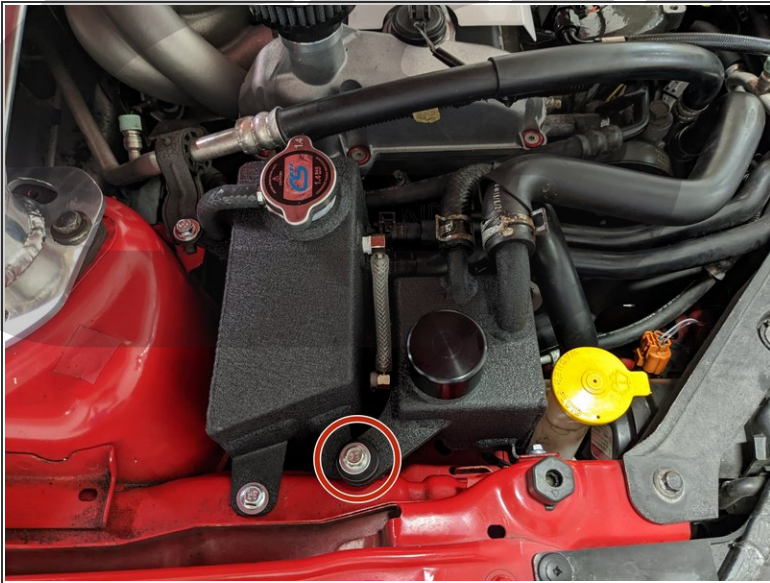
- With a pair of Needle Nose Pliers, grab the provided 10mm nut and position as shown
- Take the provided small 10mm bolt and washer and install it with the 10mm nut, as shown
- ⓘ Do not fully tighten. Leave loose for now

Step 6 — Install the CorkSport Power Steering Tank - Part 2



- Starting with the smaller hose, install each hose onto the CorkSport Power Steering Tank as shown
- ⓘ Hoses will be difficult to put on. Twisting the tank and pushing helps with installation
- ⓘ Silicone spray is recommended
- Slide the bottom C-bracket onto the small 10mm bolt as shown
- ⓘ Ensure the washer is located underneath the head of the bolt

Step 7 — Install the CorkSport Power Steering Tank - Part 3



- Take the long 10mm bolt provided and install in the location shown
 - Tighten with a 10mm socket and ratchet until snug
 - With Two(2) 10mm wrenches, tighten the lower mounting bolt as shown until snug
- ⓘ CS Aluminum Coolant tank is shown. Installation with OEM tank will be identical

Step 8 — Refill with Power Steering Fluid



- Ensure Power Steering Fluid level in the OEM tank is at or near "Max"
- Remove the Power Steering Tank Cap and insert a clean funnel
- Pour the contents of the OEM Power Steering Tank into the new tank
- ⓘ Power Steering Fluid may become trapped within the OEM tank. Be sure to rotate the tank around to get as much fluid out as possible
- Replace the Power Steering Tank Cap

Step 9 — Bleed the Power Steering System



- Turn the key into the "Accessory" position
- Turn the steering wheel fully to the left and right several times
- Start the engine and let it idle
- Turn the steering wheel fully left and right several more times
- Listen for any noise while turning (clicking, buzzing, vibration, etc.)
- If there is a noise, fill the Power Steering Tank with more fluid
 - Fluid level should be roughly level with the "shelf" on the rear of the tank, as shown

Step 10 — Installation Complete



- This completes your installation of the CorkSport Aluminum Power Steering Tank!
- Before you go for a drive, check for any leaks and adjust hoses if necessary
- Contact us with any questions or concerns at sales@corksport.com or (360) 260-2675.
- Share your experience using #CorkSport on Instagram, Facebook, and Twitter.