

Updated May 21, 2026 – Locally sourced 3M Cavity Wax is allowed

Recall 2818I Mazda6: Cavity wax application procedure - Vehicles that pass inspection

3M 08852 Cavity Wax Can

3M 08851 Wand Kit (cleaned after use and returned the tool shed)



Wax application procedure and How to Use Wand Kit

3M 08852 Product Sheet: https://www.3m.com/3M/en_US/p/d/b40066669/

MSDS Sheet for 08852 Cavity Wax:

https://multimedia.3m.com/mws/mediawebserver?mwsId=SSSSSuUn_zu8l00xm1Px2Smv70k17zHvu9lxtD7SSSSS--

How to use the 3M 05881 Wand Kit

https://www.3m.com/3M/en_US/p/d/v000254241/

Section A. Preparation

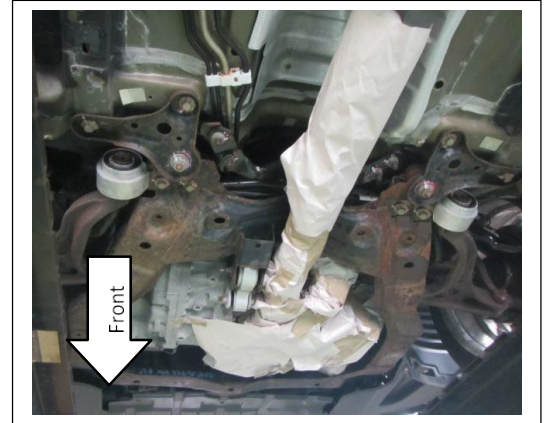
Caution: The Cavity Wax is flammable. Keep away from open flame

1. Prepare the Front Cross Member for applying the Cavity Wax
 - a) Using a wire brush or scraper etc., remove and scrape away the loose rust and flakes from the front cross member
 - b) With an air nozzle, insert into the inner cavity of the cross member and apply compressed shop air to remove any loose rust, dirt etc. from inside the cross member.
 - c) Make sure the front cross member is fully dry and cleaned of dirt, or road salt.

Preparation for Masking:

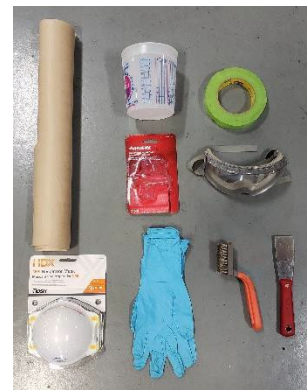
2. **Caution:** Confirm that the engine and exhaust system are cold.

CAUTION: Mask the area so that wax does not adhere to exhaust system muffler and catalyst.



Tools/Equipment – Additional preparation

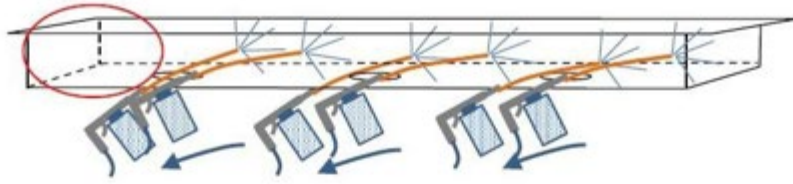
- a) Mask for organic solvent
- b) Gloves
- c) Safety glasses
- d) Shop rags (for wax wiping)
- e) Paint thinner, Mineral Spirits or Kerosene (for excess wax cleanup, nozzle, gun, cup cleaning)
- f) Paper (for masking)
- g) Tape
- h) Metal scraper or wire brush
- i) 3M 08852 Cavity Wax
- j) 3M 08851 Wand Kit (only use 1 wand and clean after use, and place back in tool shed)



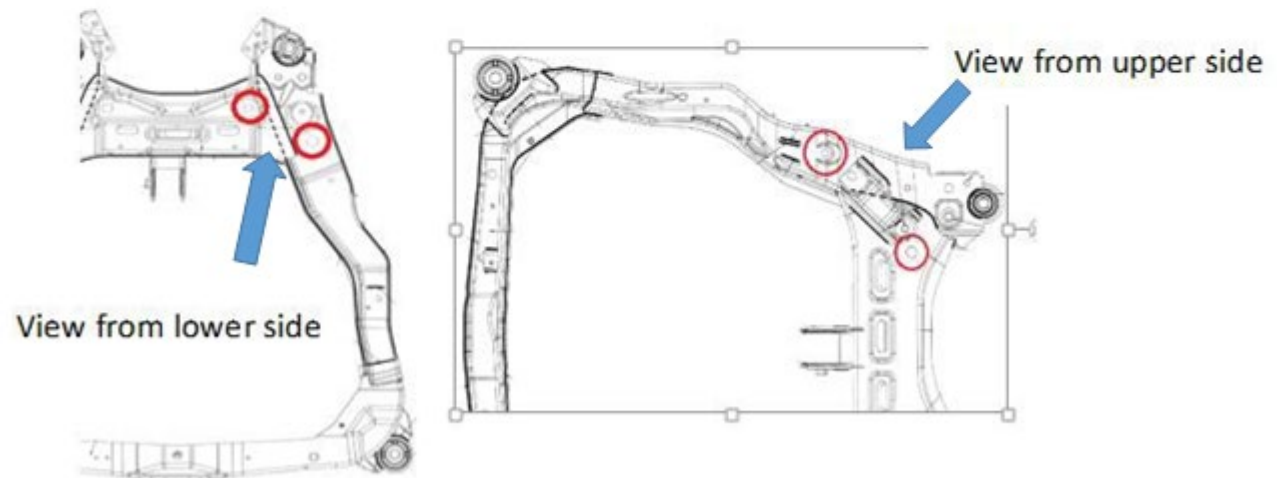
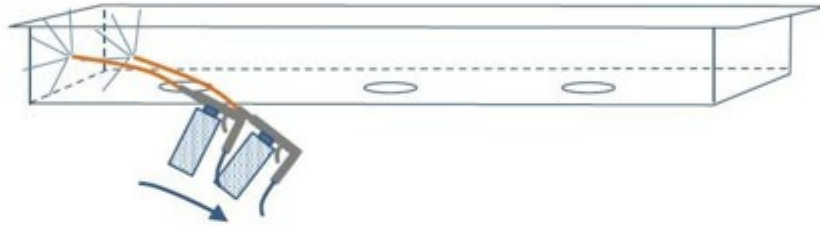
Section B. Application and repair

Wax Application – Inner Surface of Cross Member

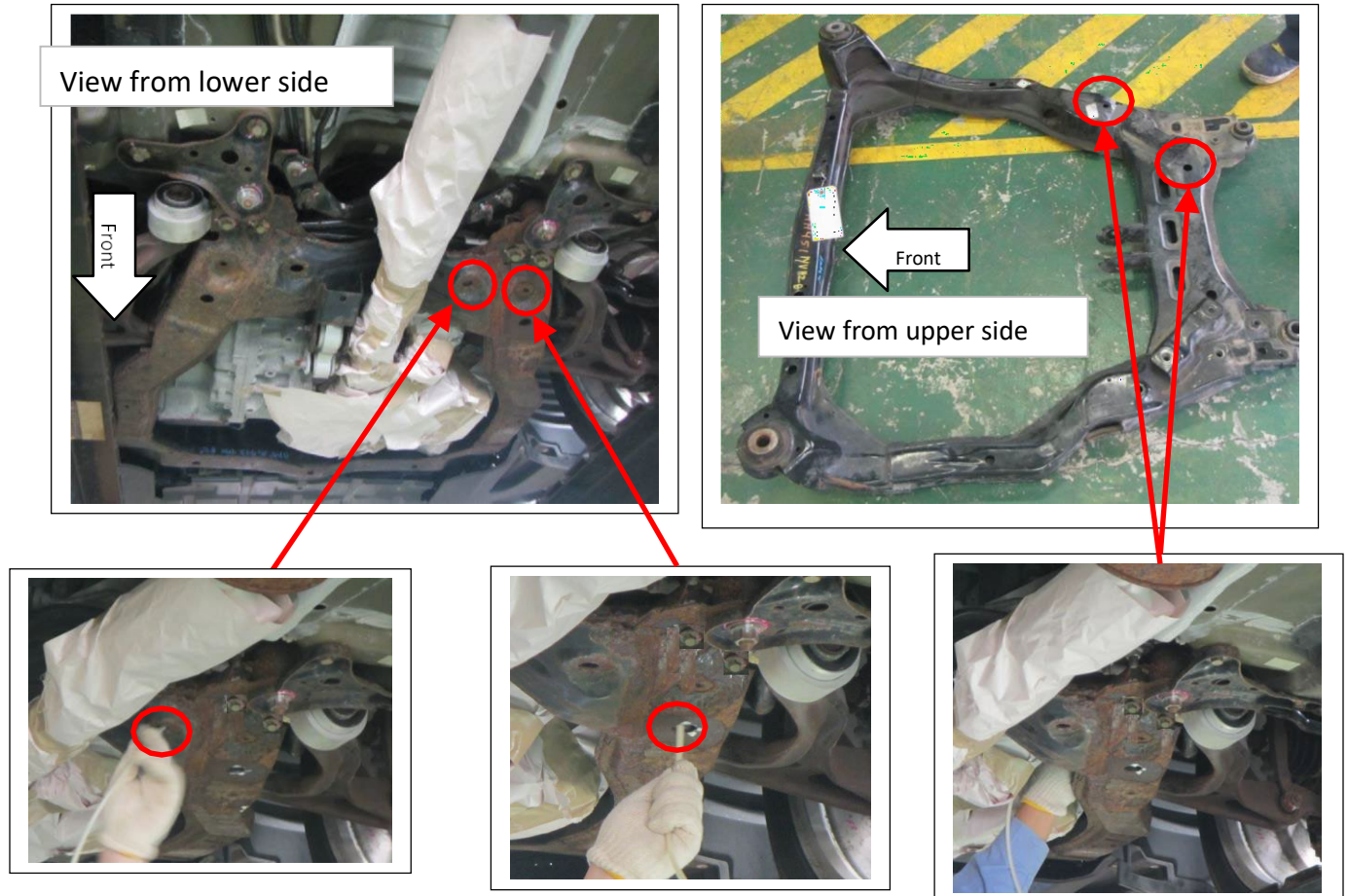
1. Preparation of materials
 - a) Follow MSDS sheet for application preparation of 3M 08852 Wax
 - b) When the outside air temperature is low such as in the winter, the wax becomes very thick and is difficult to spray.
2. Start of wax application
 - a) Attach the wand to the 3M Spray can – Follow “How to Use the 3M 08851 Wand Kit”
 - b) Insert the wand all the way into the hole, and start applying. **Wax applying speed (Image) : 4 inches / 1-2 seconds.**



Since Wax is not applied to this part, put the nozzle in the opposite direction and apply it.



**WAX APPLICATION PROCEDURE
SAFETY RECALL 28181**



CAUTION: Check if there is any remaining unwaxed area and finish applying the inner wax.

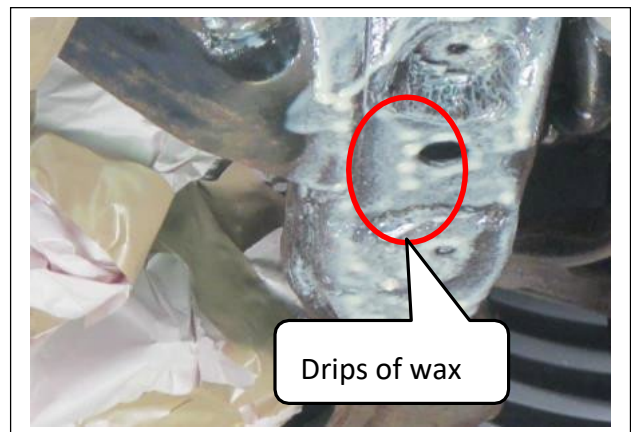
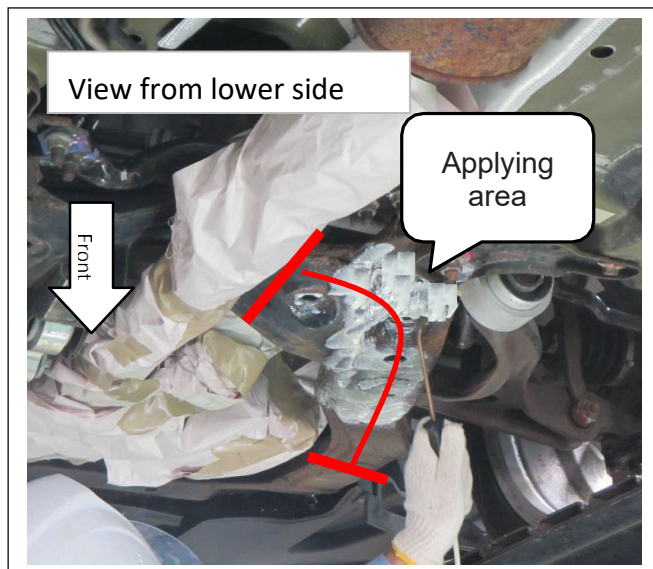
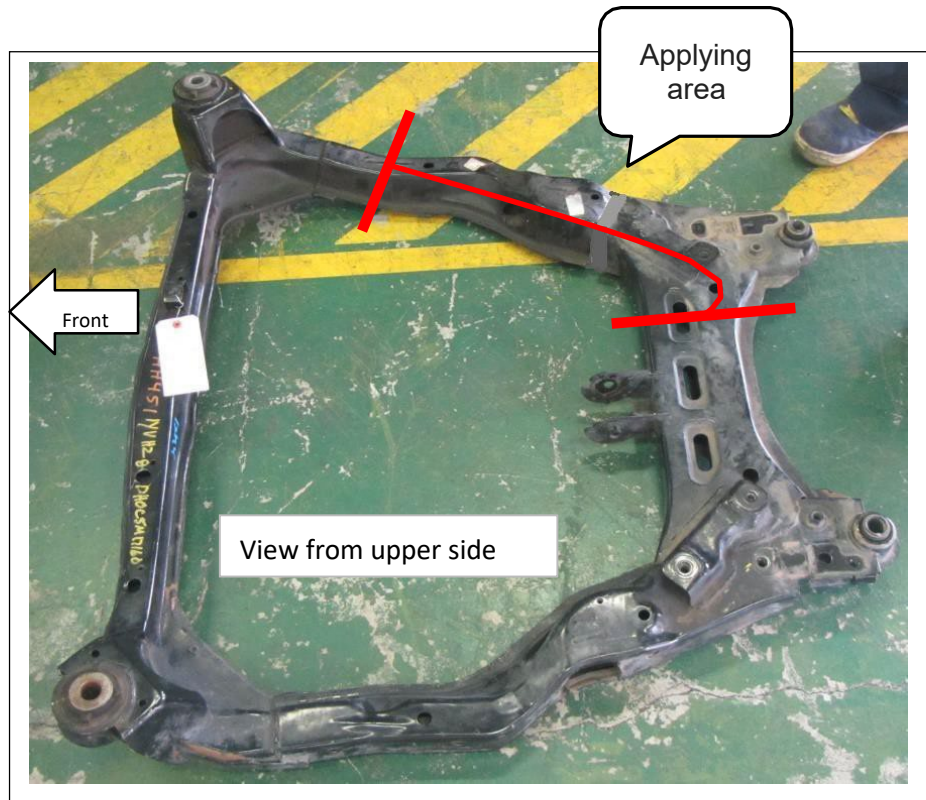
Outer surface of cross member wax application

1. Preparation of equipment
2. Attach the L type nozzle.
3. Start of wax application - Using the wand, apply wax around the entire outer surface of the target part.

Note: Apply not only to the lower surface but also to the outer surface including the side surface and the upper surface.

Caution: Since excess droplets of wax could be blown onto the exhaust system causing a smell or a risk of smoke, smear the wax to eliminate the droplets. Note the pictures above do not represent the actual coverage of the wax. 100cc will apply a transparent FILM of wax inside and onto the outside of the cross member. The wax will not harden so do not be alarmed. It will protect the cross member from further damage.

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Actual Photos Below showing the actual coverage.



Section C. Post Repair Check and Clean up

1. Check if there is any remaining un-waxed area and finish applying the outer wax.
 - Clean the wand of old used wax that was not applied. Place the wand back in the tool shed with the other wands.
 - Dispose of any materials, towels, gloves or wax in accordance with hazardous materials procedures for your dealership.

END OF WAX PROCEDURE:

**GO TO REPAIR PROCEDURE FOR INSTALLATION OF
BRACKET KIT**