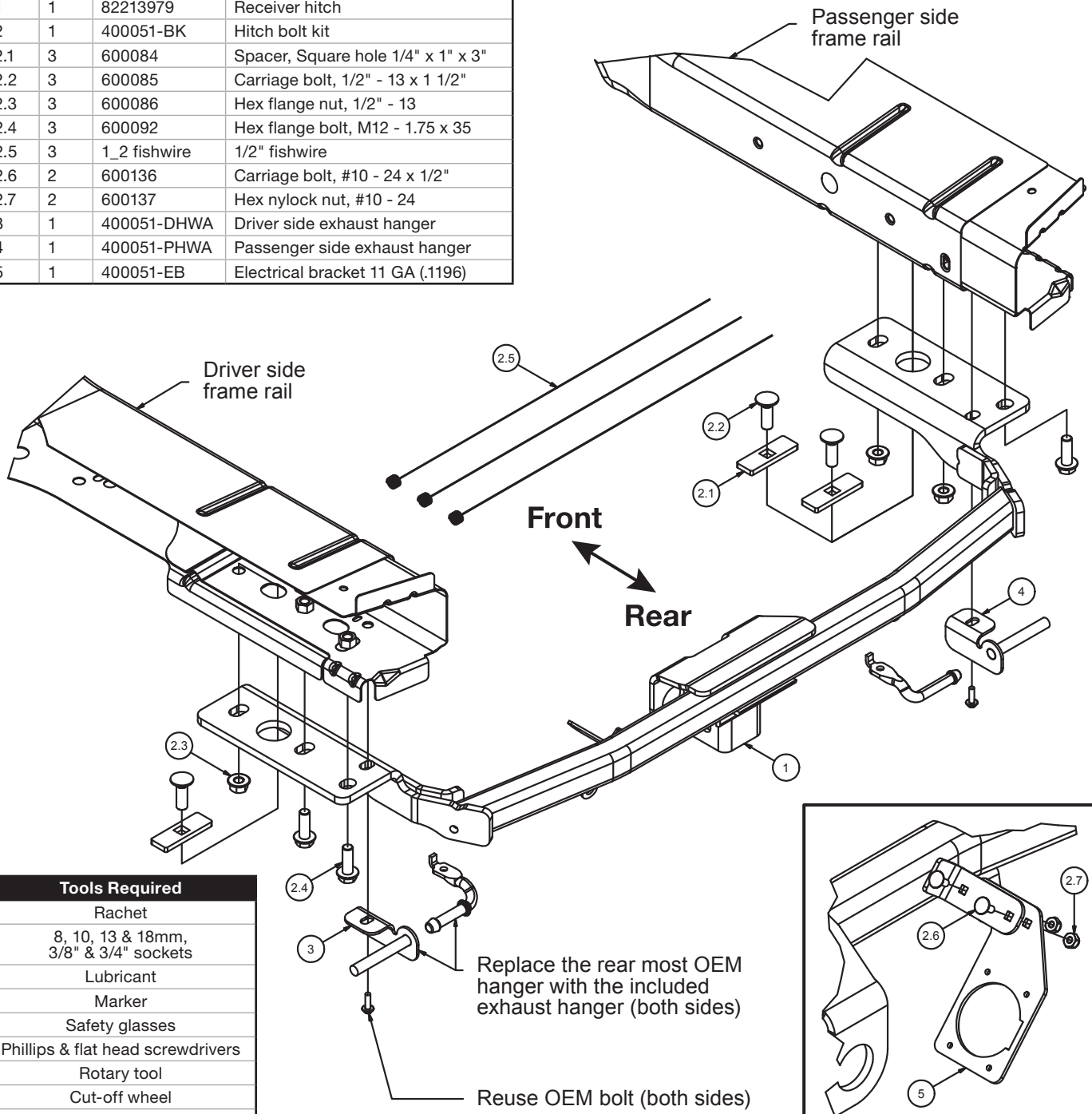




Dodge Challenger Dodge Charger - Chrysler 300

www.mopar.com

Item	Qty	Part Number	Description
1	1	82213979	Receiver hitch
2	1	400051-BK	Hitch bolt kit
2.1	3	600084	Spacer, Square hole 1/4" x 1" x 3"
2.2	3	600085	Carriage bolt, 1/2" - 13 x 1 1/2"
2.3	3	600086	Hex flange nut, 1/2" - 13
2.4	3	600092	Hex flange bolt, M12 - 1.75 x 35
2.5	3	1_2 fishwire	1/2" fishwire
2.6	2	600136	Carriage bolt, #10 - 24 x 1/2"
2.7	2	600137	Hex nylock nut, #10 - 24
3	1	400051-DHWA	Driver side exhaust hanger
4	1	400051-PHWA	Passenger side exhaust hanger
5	1	400051-EB	Electrical bracket 11 GA (.1196)



Tools Required

Ratchet
8, 10, 13 & 18mm, 3/8" & 3/4" sockets
Lubricant
Marker
Safety glasses
Phillips & flat head screwdrivers
Rotary tool
Cut-off wheel
Torx T-25 wrench
Torque wrench

Replace the rear most OEM hanger with the included exhaust hanger (both sides)

Reuse OEM bolt (both sides)

Install if vehicle is equipped with a 7-way electrical system

****ONLY FOLLOW STEPS APPLICABLE TO VEHICLE MODEL****

Driver Side

(4) rivets (4) 7mm (10) 10mm

Remove air dam.

Cut out bottom half of the paper template. Align with screw holes, tape in place and trace the template on the air dam. Then cut out top half and trace template on the fascia.

1 300 only

BOTTOM REAR OF VEHICLE

Remove and discard rear air dam.

1st Pull

2nd Lift

Trunk Cap

Open trunk, use torx T-25 wrench to remove bag hangers. Remove the inside trunk cap.

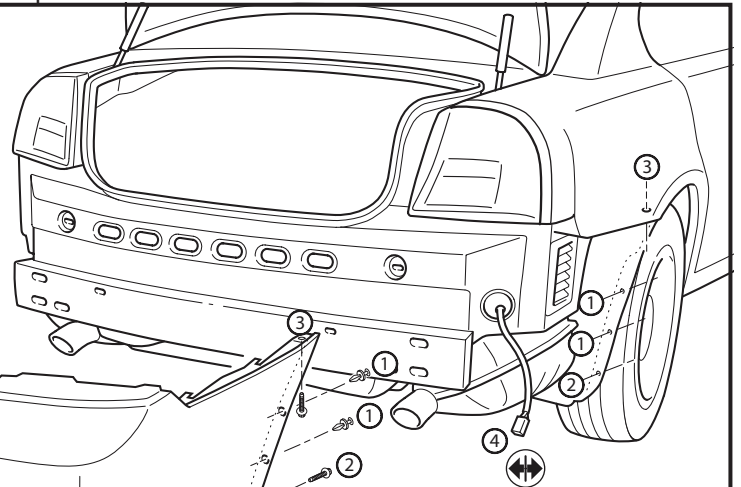
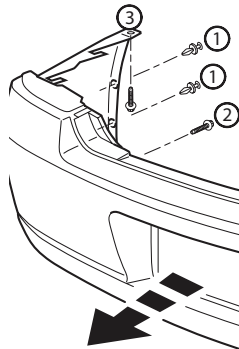
1 Charger only

Remove the trunk liner and rubber light seals. Unplug and unscrew three nuts to remove the tail lights.

2 Charger only

3 Charger only

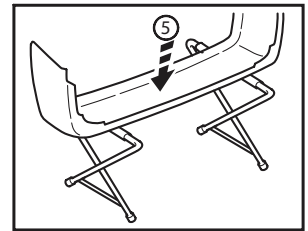
Refer to official Chrysler procedure for fascia removal.
Place fascia on a padded non-abrasive surface.



(4) Rivets (4) 10 mm

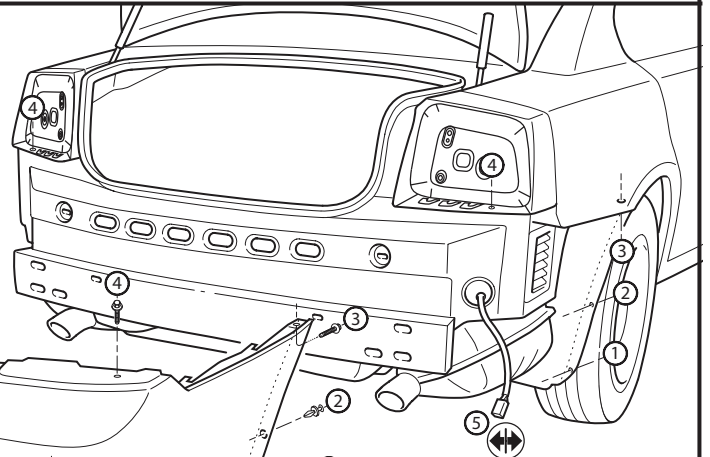
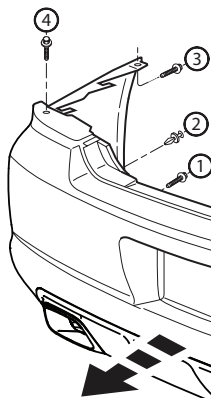
For fascia removal, remove the following fasteners from the vehicle.

- #1 - Rivets (4)
- #2 - Bottom of wheel wells (2)
- #3 - Top of wheel wells (2)
- #4 - Unplug the fascia side lights
- #5 - Dislodge wheel wells first, then pull fascia back to remove. Place on stand.



4 300 only

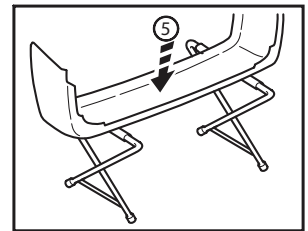
Refer to official Dodge procedure for fascia removal.
Place fascia on a padded non-abrasive surface.



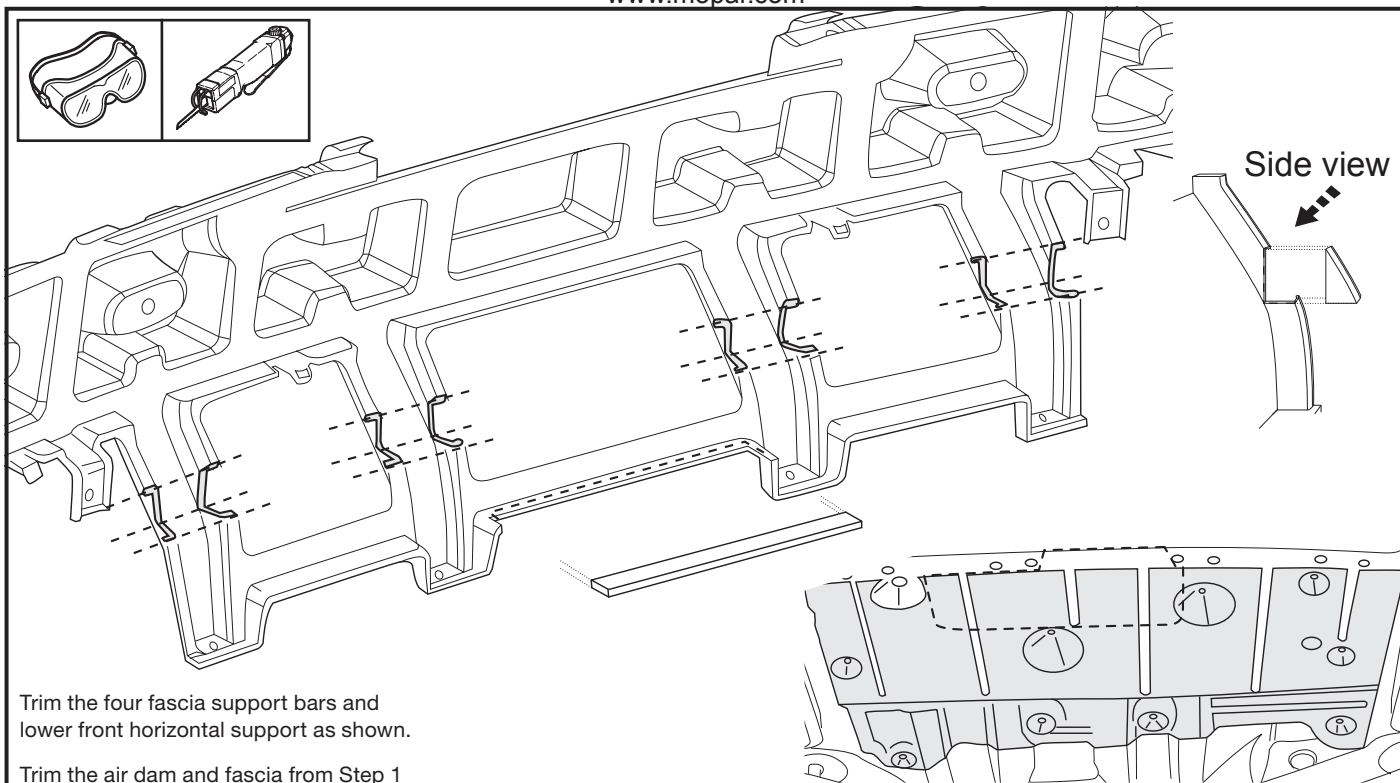
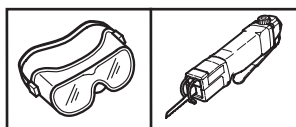
(2) Rivets (6) 10 mm

For fascia removal, remove the following fasteners from the vehicle.

- #1 - Bottom of wheel wells screw (2)
- #2 - Center of wheel wells rivet (2)
- #3 - Top of wheel wells screw (2)
- #4 - Inside tail lights (2), fasteners first, then clips; do not damage clips.
- #5 - Dislodge wheel wells first, then pull fascia back to remove. Unplug fascia light, then place on stand.



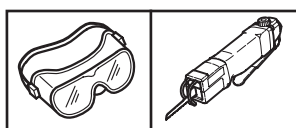
4 Charger only



Trim the four fascia support bars and lower front horizontal support as shown.

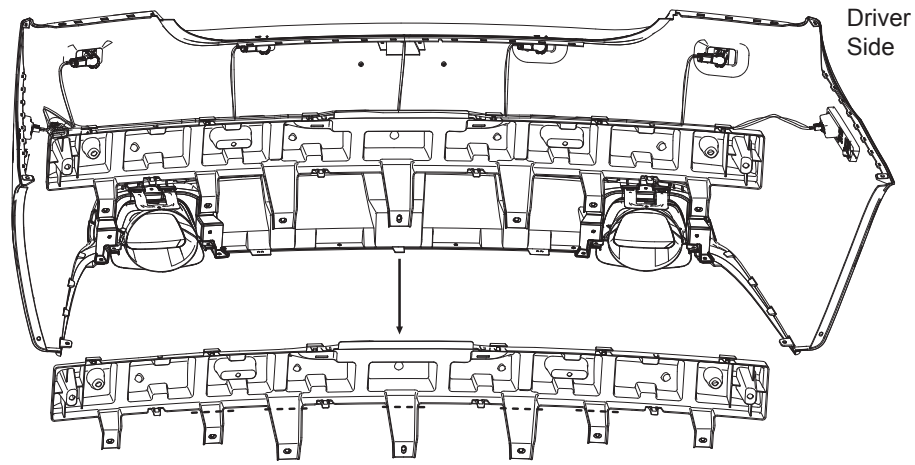
Trim the air dam and fascia from Step 1 using the 300 paper template on page 10

5 300 only



Passenger Side

Driver Side

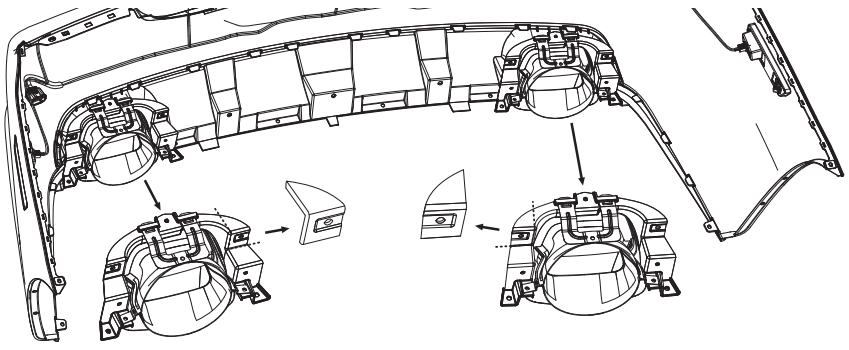


Fascia with 'support' and 'exhaust tip' assembly...

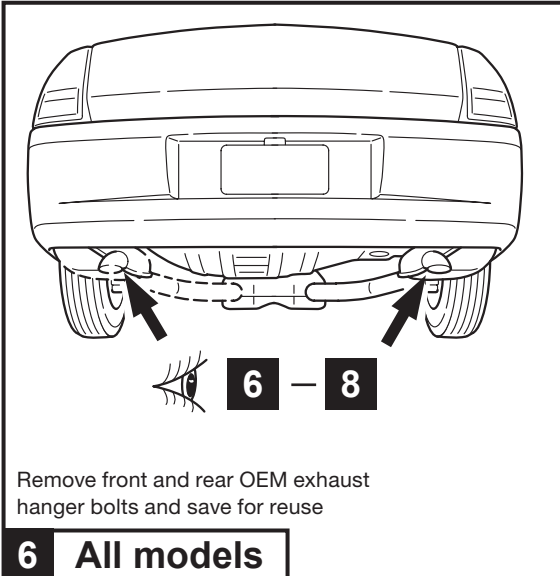
Trim the (5) fascia 'supports' as indicated

Fascia without 'support' but with 'exhaust tip' assembly...

Trim the (2) 'exhaust tip' assemblies as shown

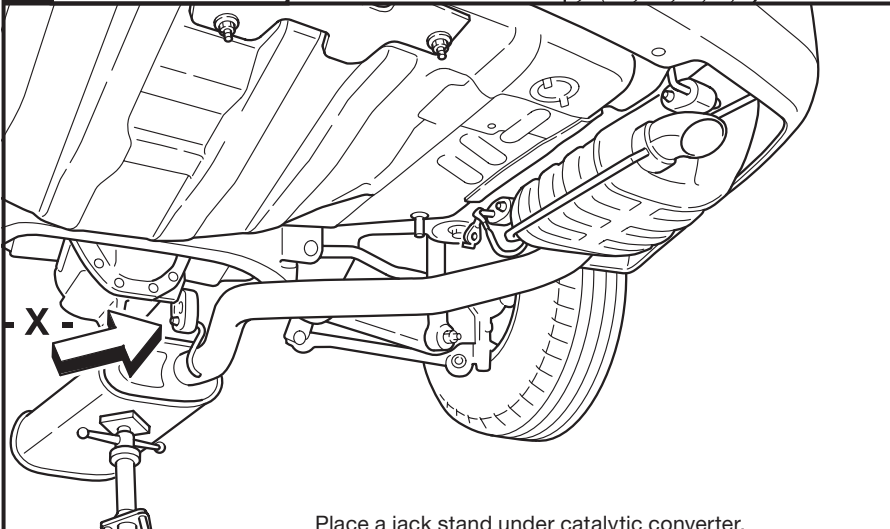
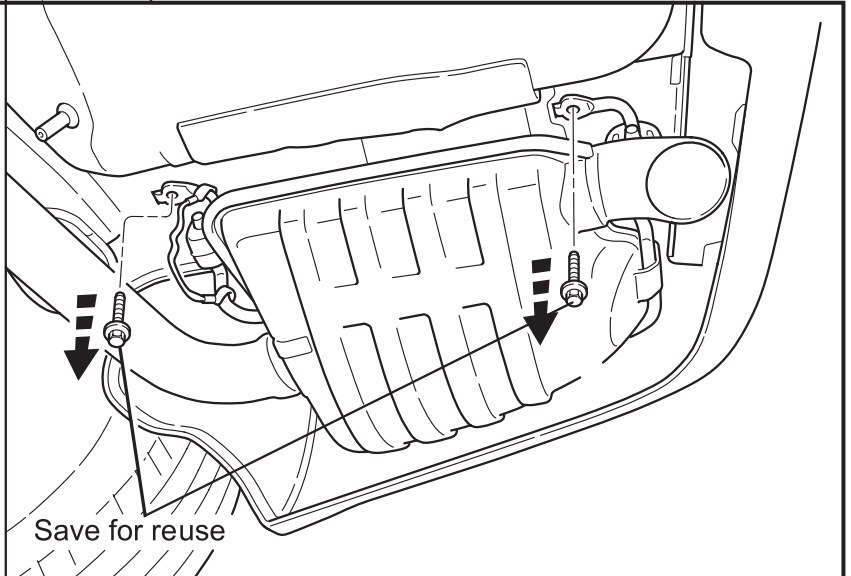


5 Charger only



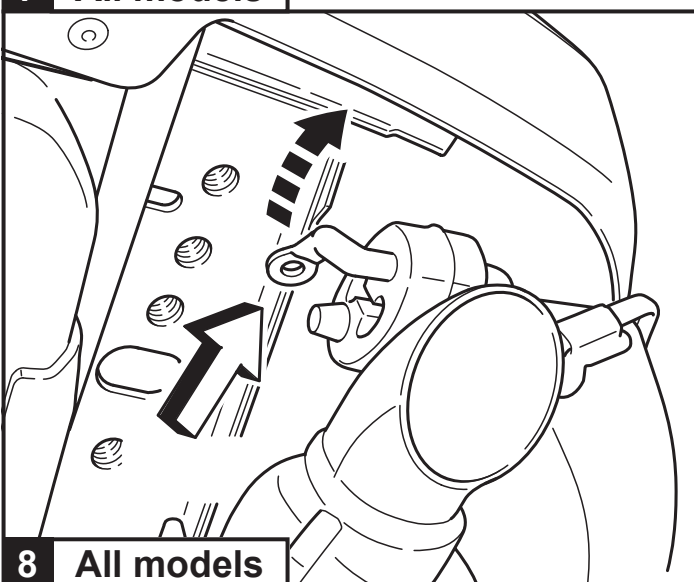
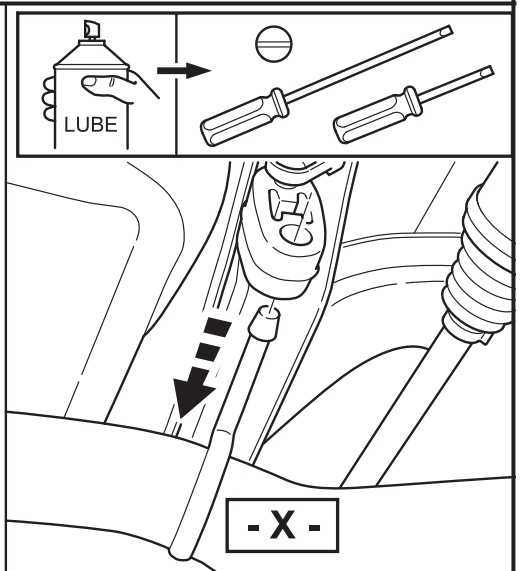
Remove front and rear OEM exhaust hanger bolts and save for reuse

6 All models

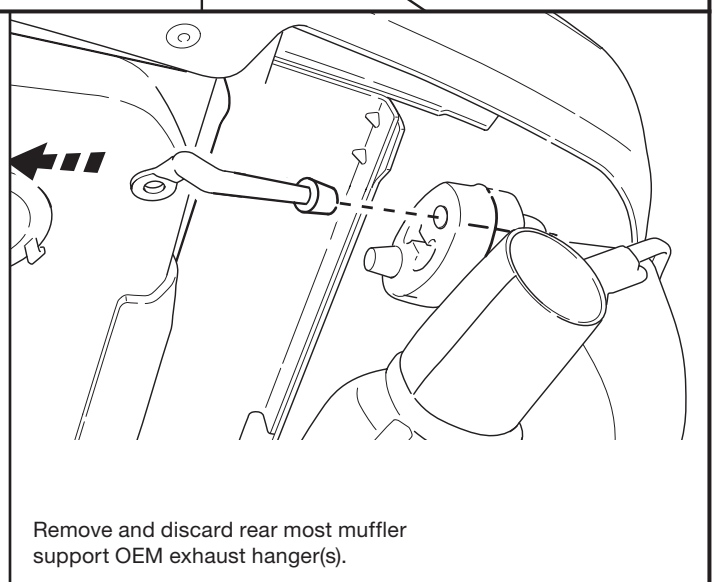


Place a jack stand under catalytic converter. Remove exhaust pipe support(s) from rubber isolator(s).

7 All models

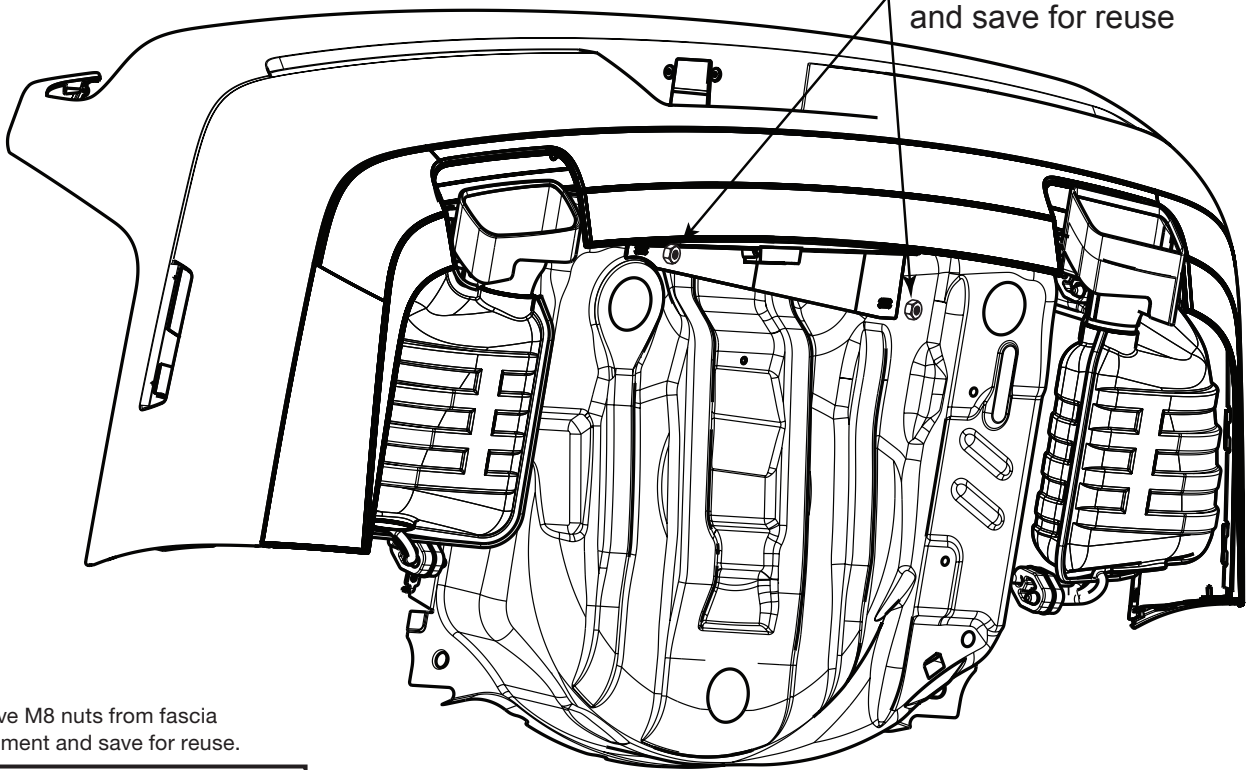


8 All models



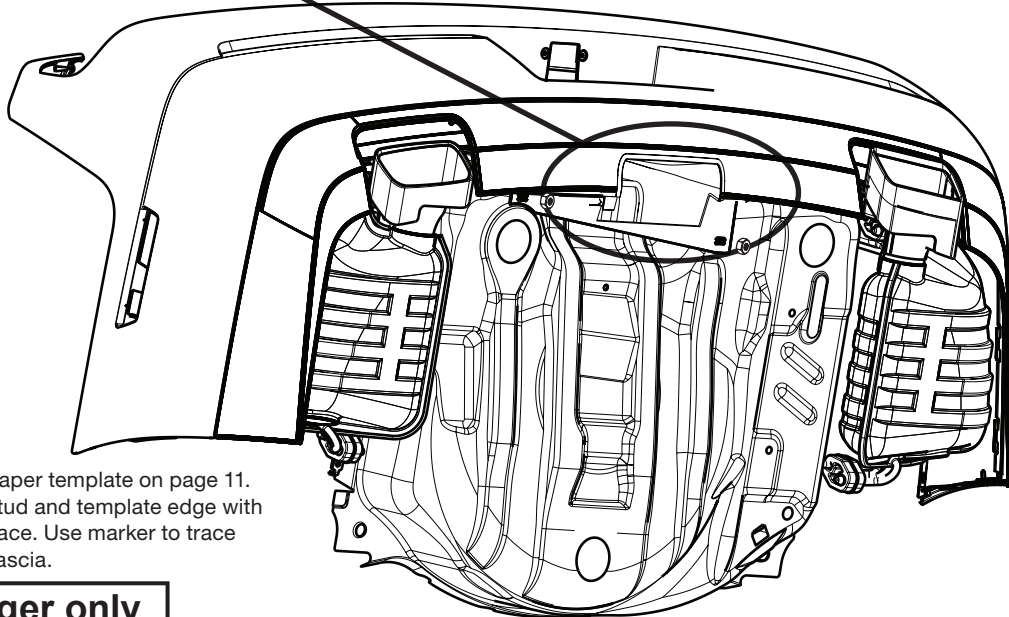
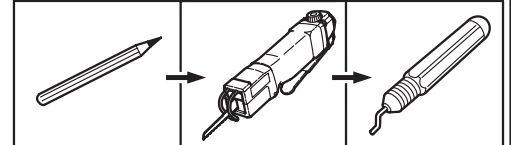
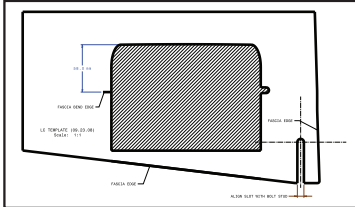
Remove and discard rear most muffler support OEM exhaust hanger(s).

Remove M8 nuts
and save for reuse



Remove M8 nuts from fascia attachment and save for reuse.

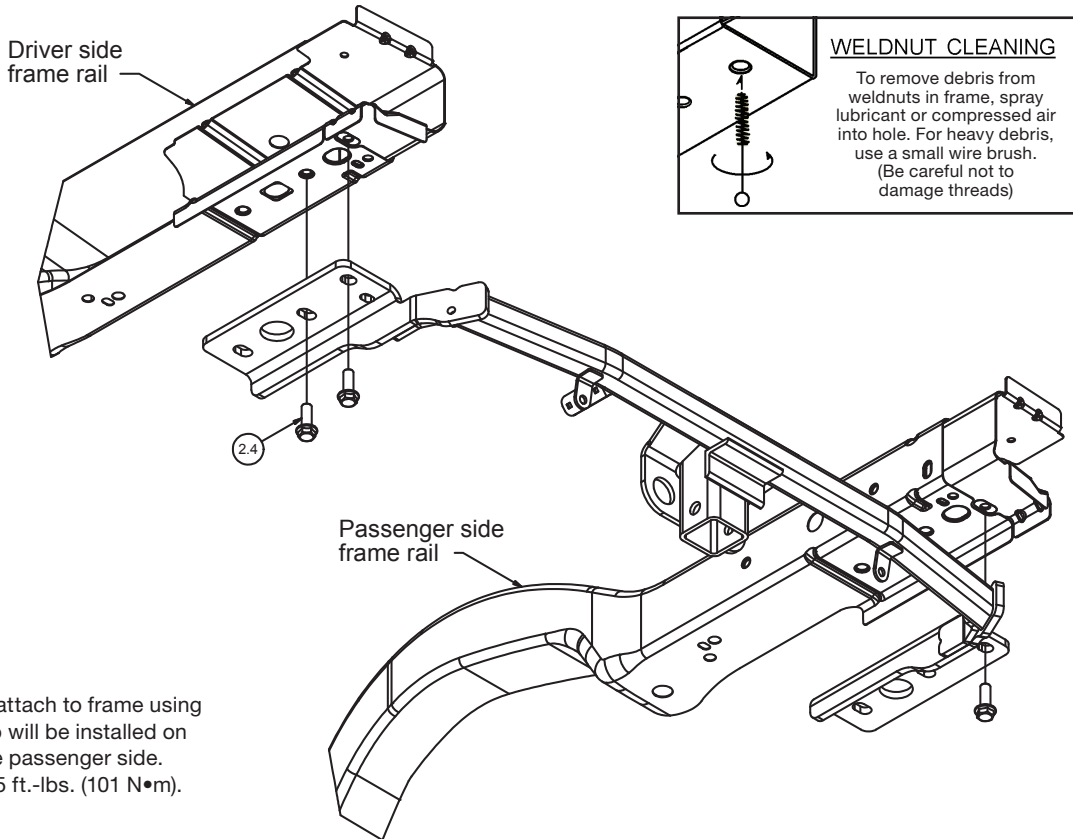
9 Challenger only



Cut out challenger paper template on page 11. Align slot with bolt stud and template edge with fascia and tape in place. Use marker to trace template profile on fascia.

10 Challenger only

Driver side frame rail



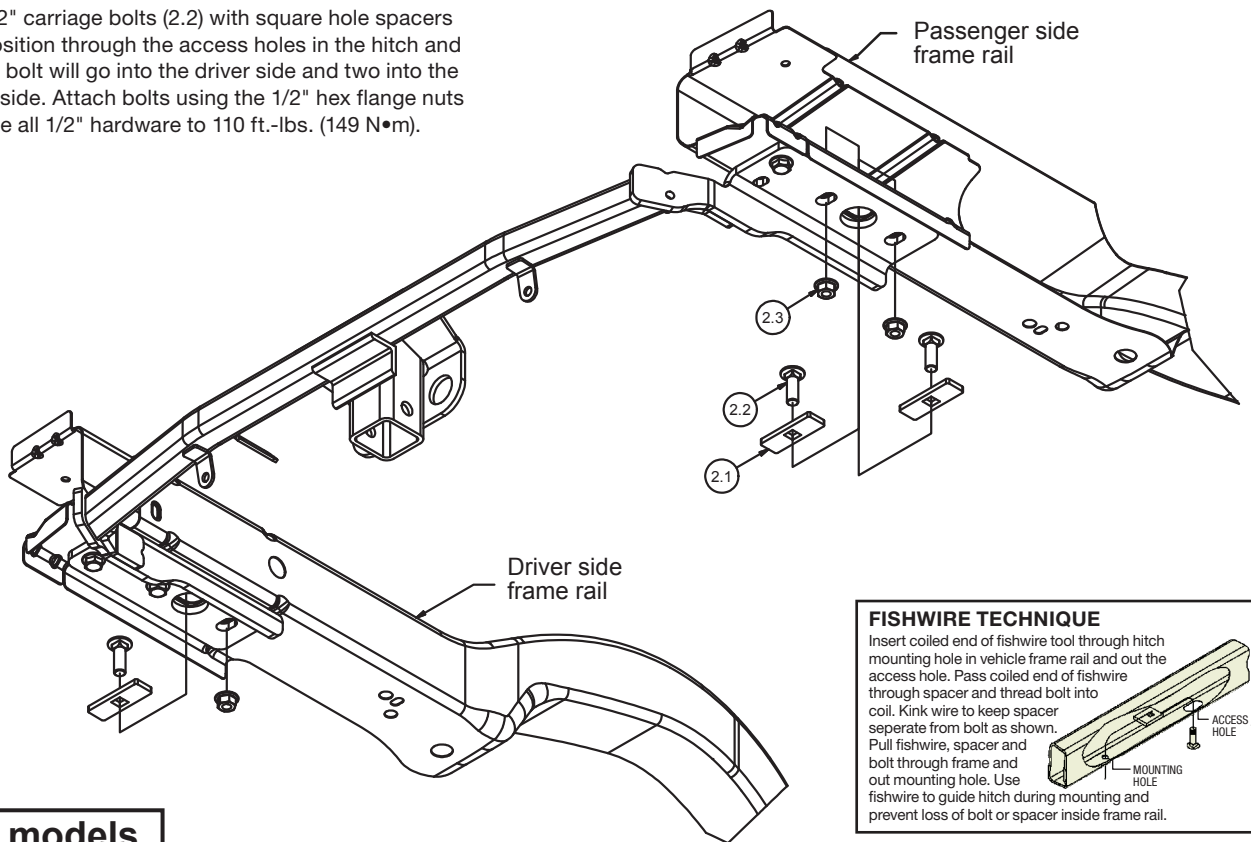
WELDNUT CLEANING

To remove debris from weldnuts in frame, spray lubricant or compressed air into hole. For heavy debris, use a small wire brush. (Be careful not to damage threads)

Raise hitch into position and attach to frame using three M12 hex bolts (2.4). Two will be installed on the driver side and one on the passenger side. Torque all M12 hardware to 75 ft.-lbs. (101 N•m).

11 All models

Fishwire 1/2" carriage bolts (2.2) with square hole spacers (2.1) into position through the access holes in the hitch and frame. One bolt will go into the driver side and two into the passenger side. Attach bolts using the 1/2" hex flange nuts (2.3). Torque all 1/2" hardware to 110 ft.-lbs. (149 N•m).

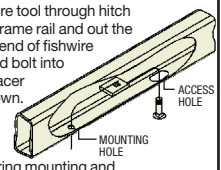


Passenger side frame rail

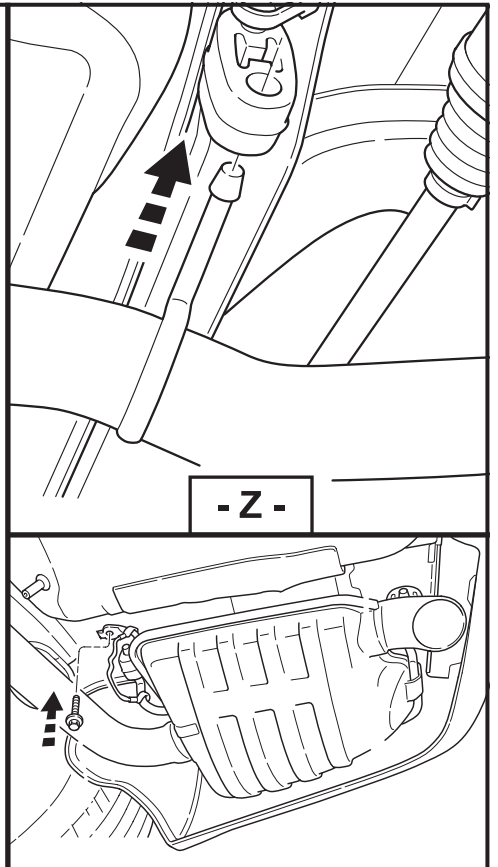
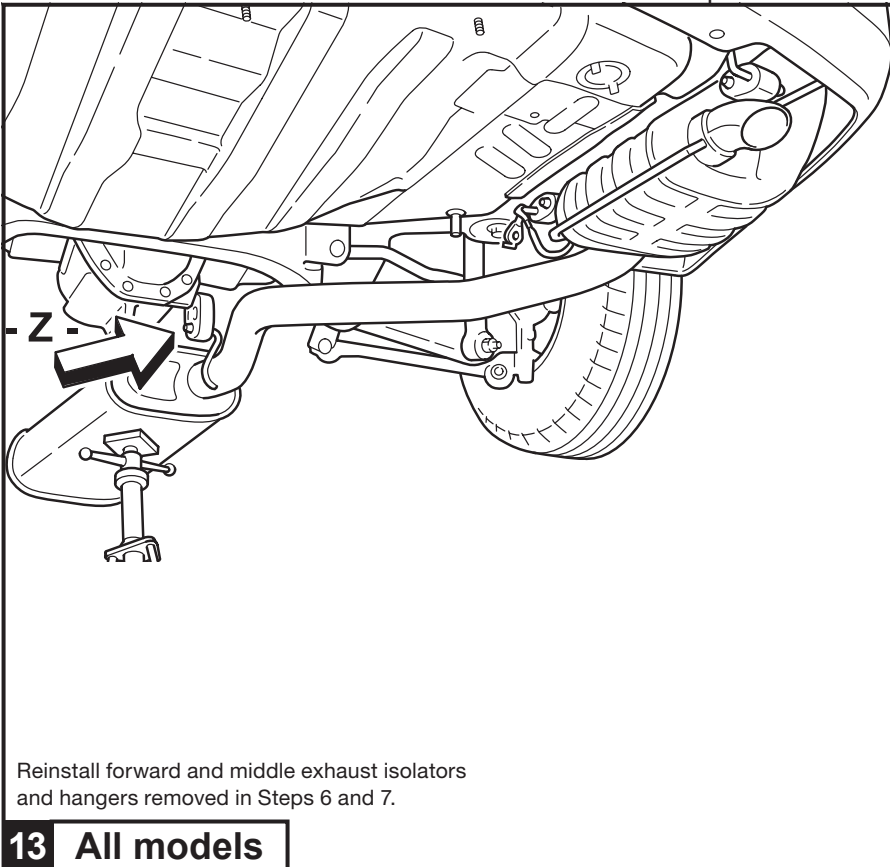
Driver side frame rail

FISHWIRE TECHNIQUE

Insert coiled end of fishwire tool through hitch mounting hole in vehicle frame rail and out the access hole. Pass coiled end of fishwire through spacer and thread bolt into coil. Kink wire to keep spacer separate from bolt as shown. Pull fishwire, spacer and bolt through frame and out mounting hole. Use fishwire to guide hitch during mounting and prevent loss of bolt or spacer inside frame rail.

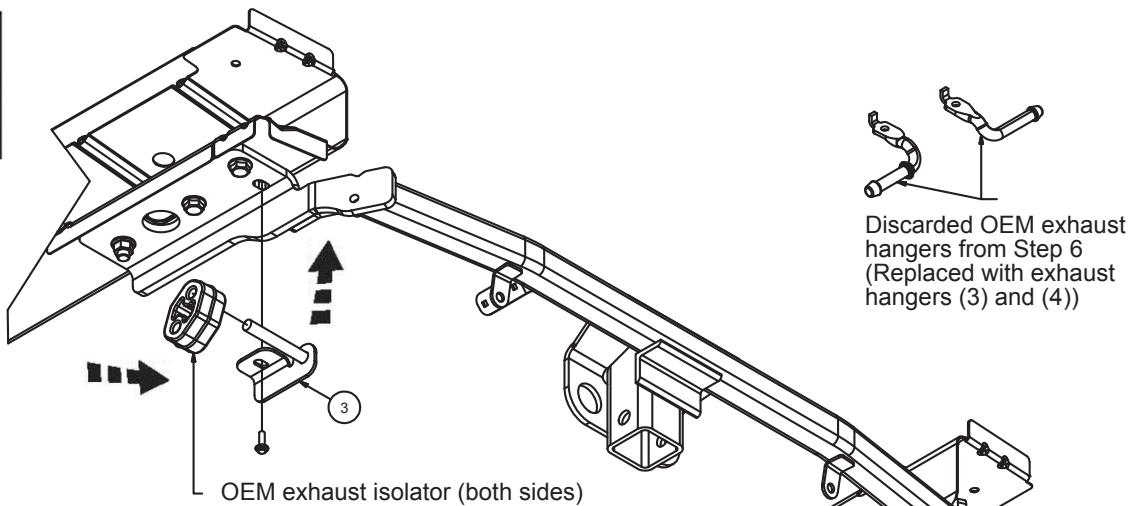


12 All models



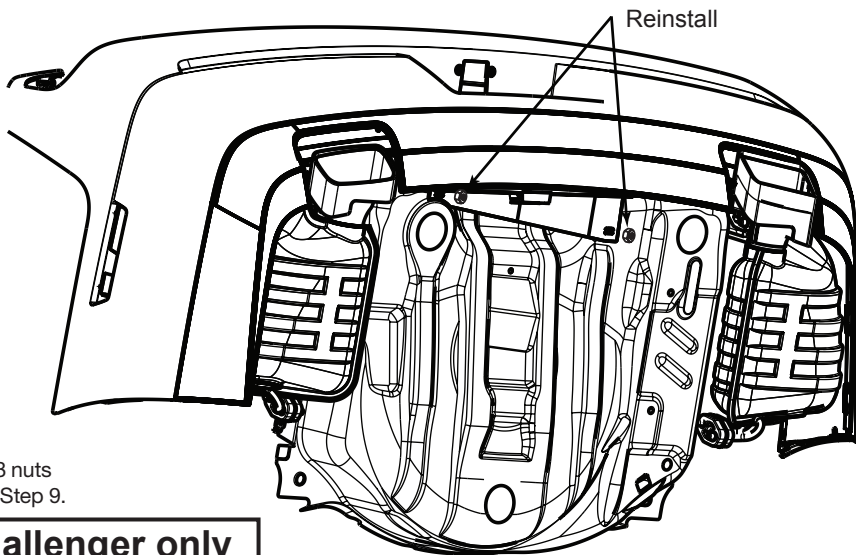
Reinstall forward and middle exhaust isolators and hangers removed in Steps 6 and 7.

13 All models



Install rear most exhaust hangers. Push driver side exhaust hanger (3) into the rear most rubber isolator. This hanger is replacing the OEM hanger removed in Step 8. Secure the hanger to the bottom of the hitch using the bolt removed in Step 6. If present, repeat on the passenger side with the passenger side exhaust hanger (4). Torque all exhaust hanger bolts reinstalled to 16 ft-lbs. (21 N•m).

14 All models



Reinstall M8 nuts removed in Step 9.

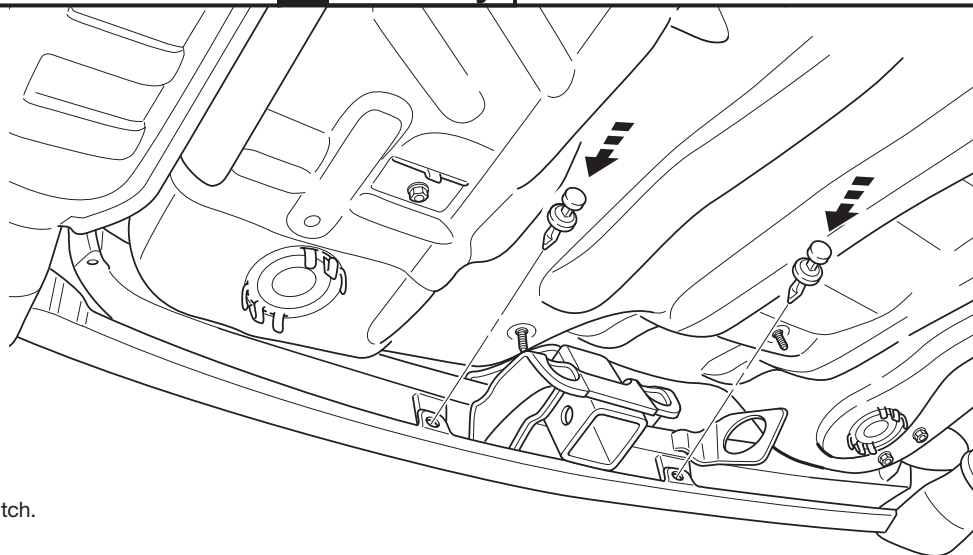
15 Challenger only

Reinstall and reconnect fascia and lights as necessary by reversing steps 2-4

Reinstall air dam from step 1

16 300 & Charger

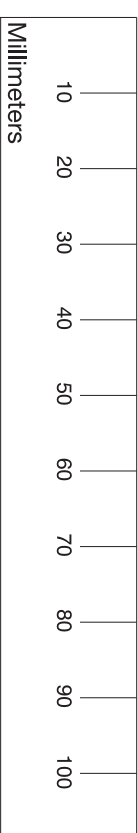
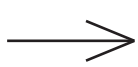
17 300 only



Install (2) rivets into tabs in rear fascia and hitch.

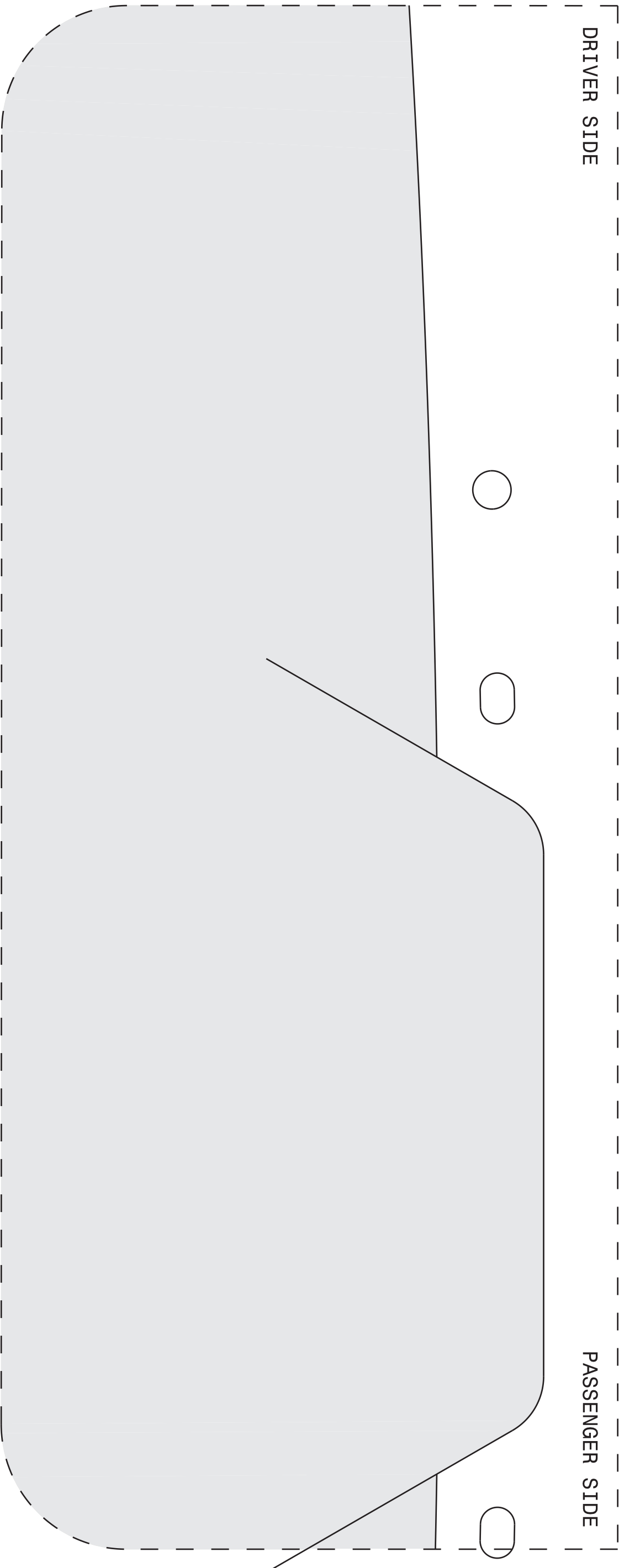
18 Charger only

REAR OF VEHICLE



DRIVER SIDE

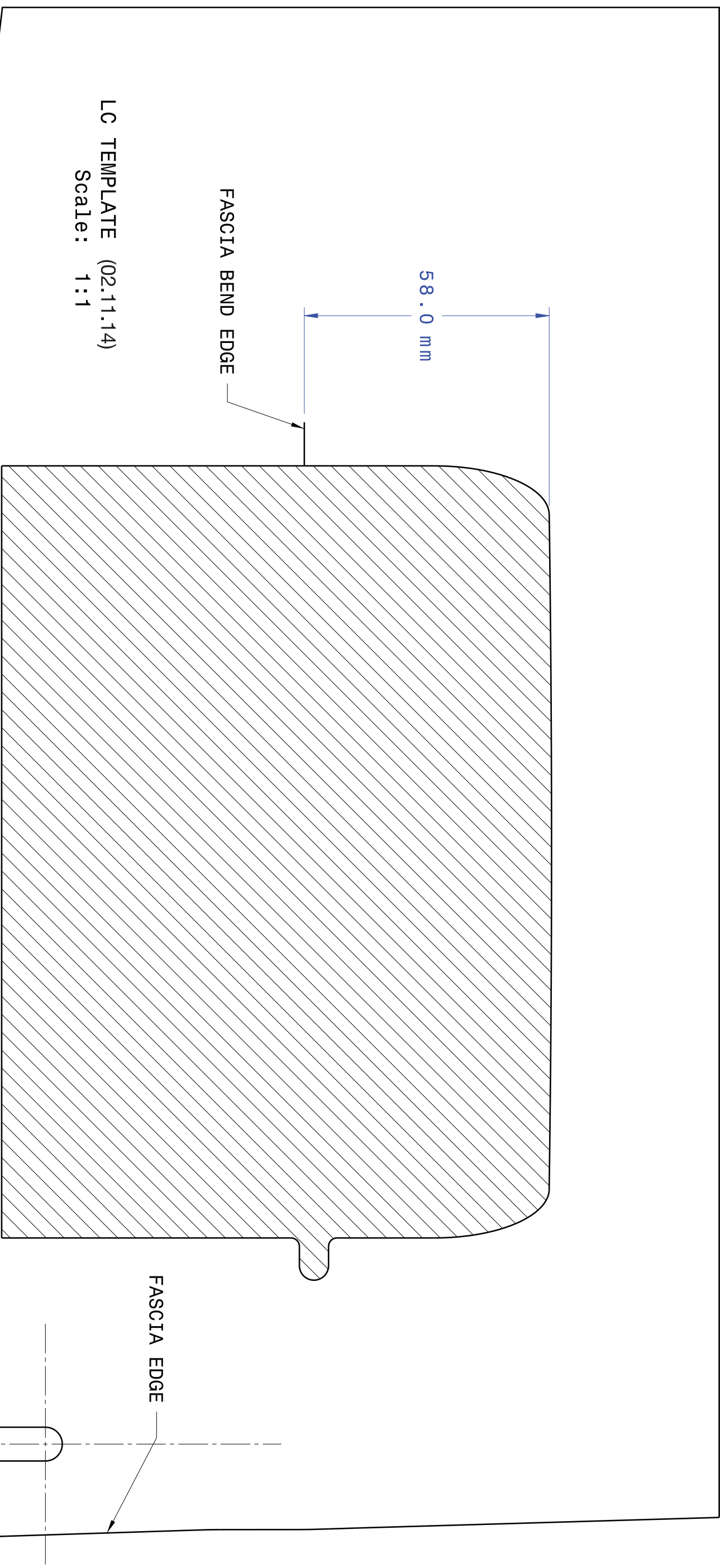
PASSENGER SIDE



Chrysler 300 Fascia Air Dam Template

- #1 - Check print scale with ruler to verify that template is printed to scale
- #2 - Cut out template below around dashed lines
- #3 - Place template onto fascia and air dam, align with fascia holes, then tape in place
- #4 - Trace the shaded area on the air dam
- #5 - Remove template and cut off top white area. Place top part back onto the fascia, line up the holes and trace onto fascia
- #6 - Smooth edges on fascia and air dam

19 300 only



Fascia Trim Template

- #1 - Check print scale with ruler to verify that template is printed to scale
- #2 - Cut out hashed area
- #3 - Align template onto fascia and tape into plate
- #4 - Trace the area which was cut out
- #5 - Remove template and cut out traced area
- #6 - Smooth trimmed edges

19 Challenger only