

Installation Guide

Differential Inserts Front and Rear

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(Always refer to the current catalogue for complete application listings)

N.B: This installation guide should be used in conjunction with the workshop manual.

FIGURE 1

✎ Support vehicle on a suitable lift to gain access to the rear differential unit.

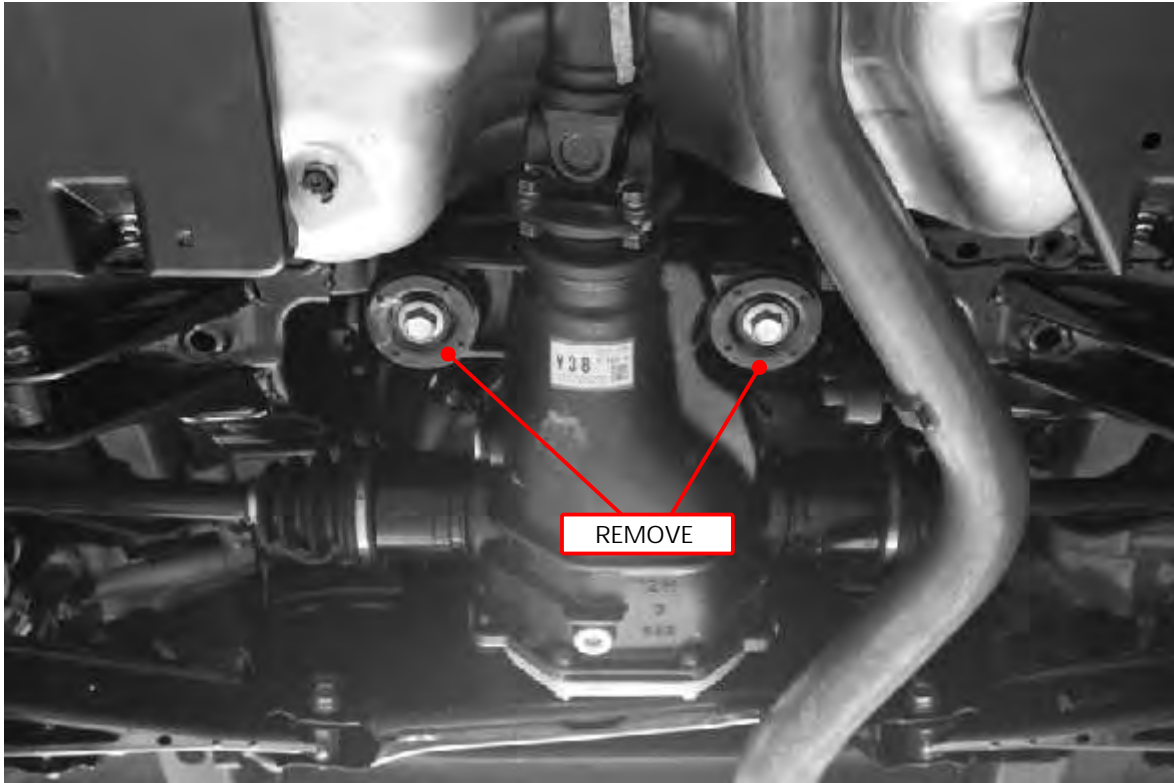
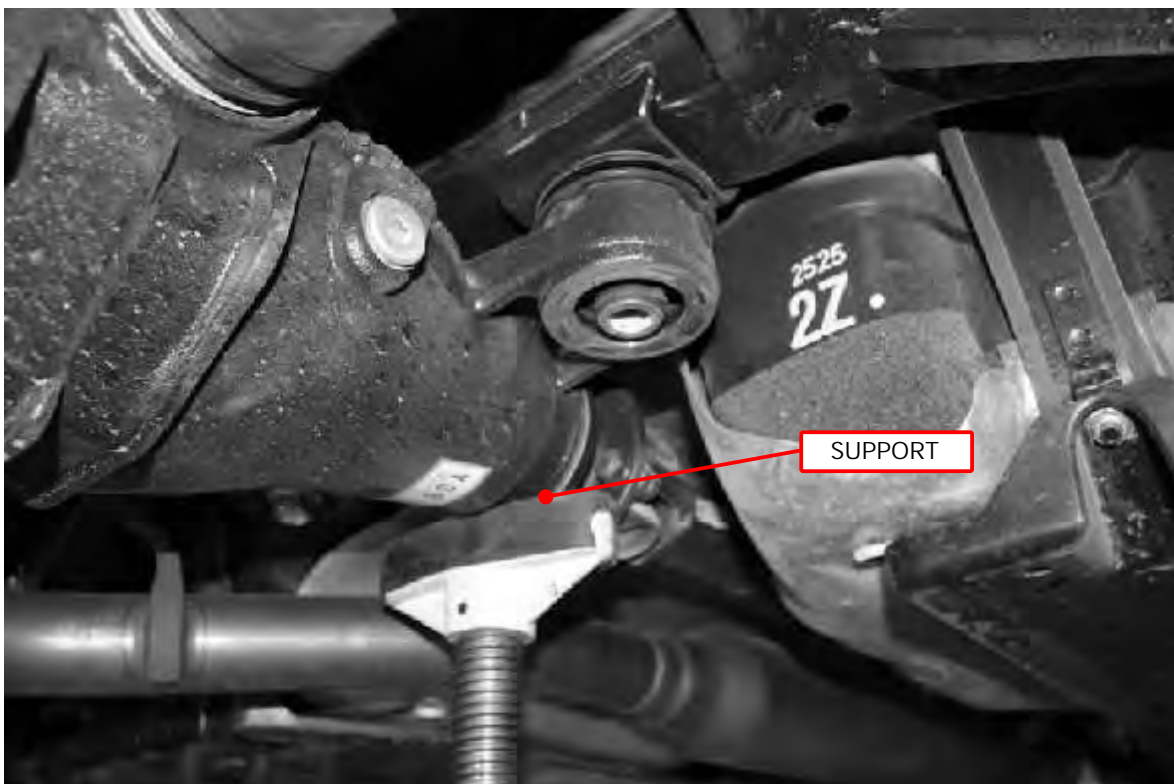


FIGURE 2

✎ Using a suitable support stand hold the front of the differential housing up to allow removal of the front vertical mount bolts as shown below. Remove both bolts as indicated in the above image.



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FIGURE 3

Once the bolts have been removed lower the stand approximately half an inch to allow removal of the front upper OEM washer.

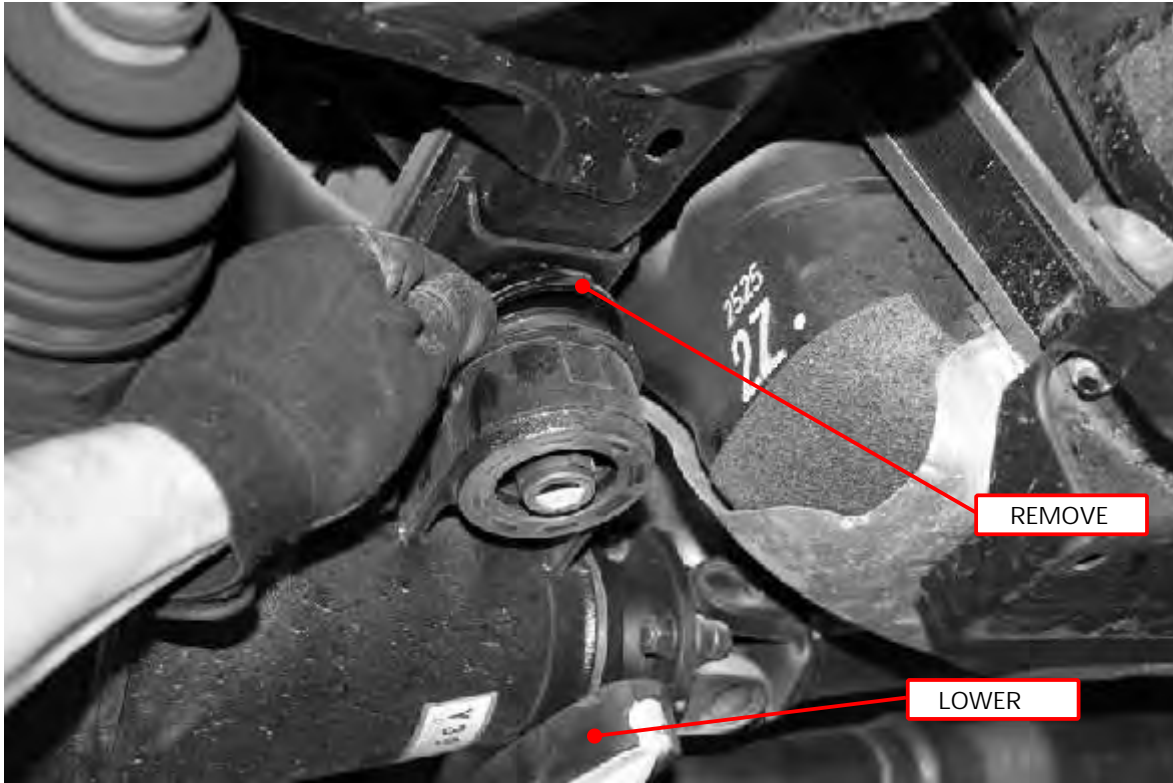
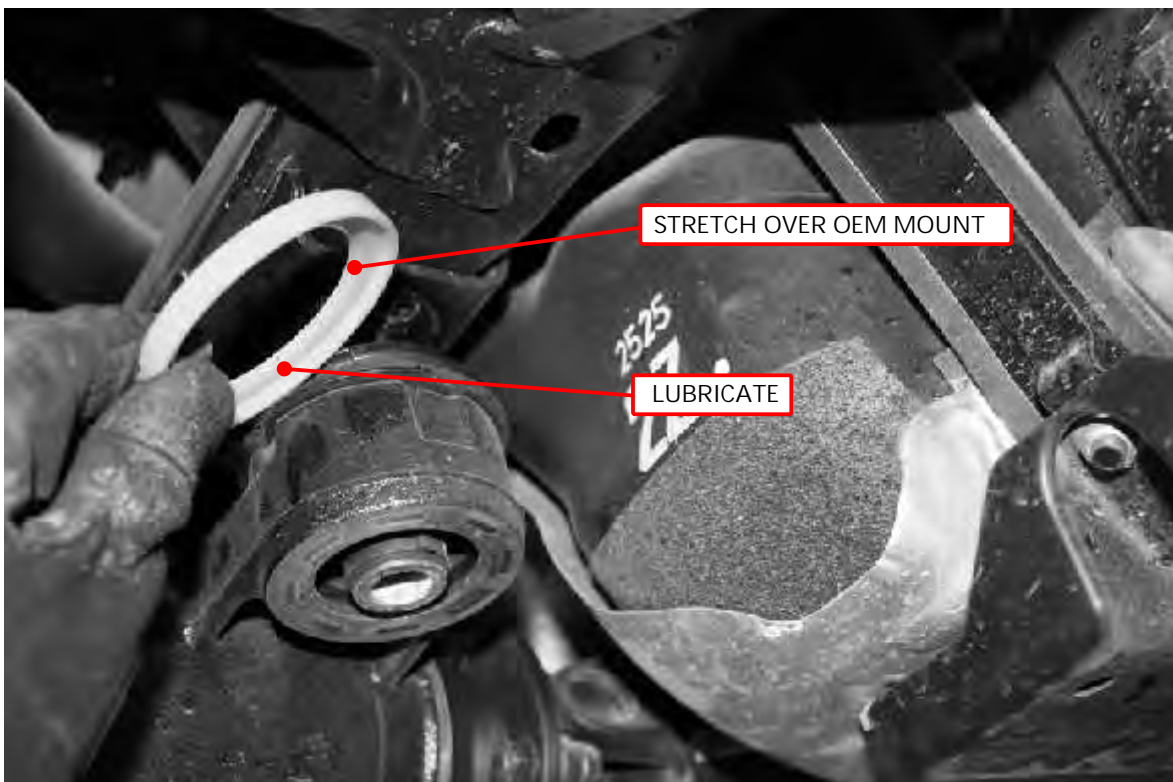


FIGURE 4

Lubricate the upper insert ring with the grease supplied in the kit. When installed correctly the ring requires stretching over the top of the OEM differential mount to seat correctly. Carry out this procedure for both sides.

Note: Large flange face is installed upward.



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FIGURE 5

✍️ Insert installed as per image below.

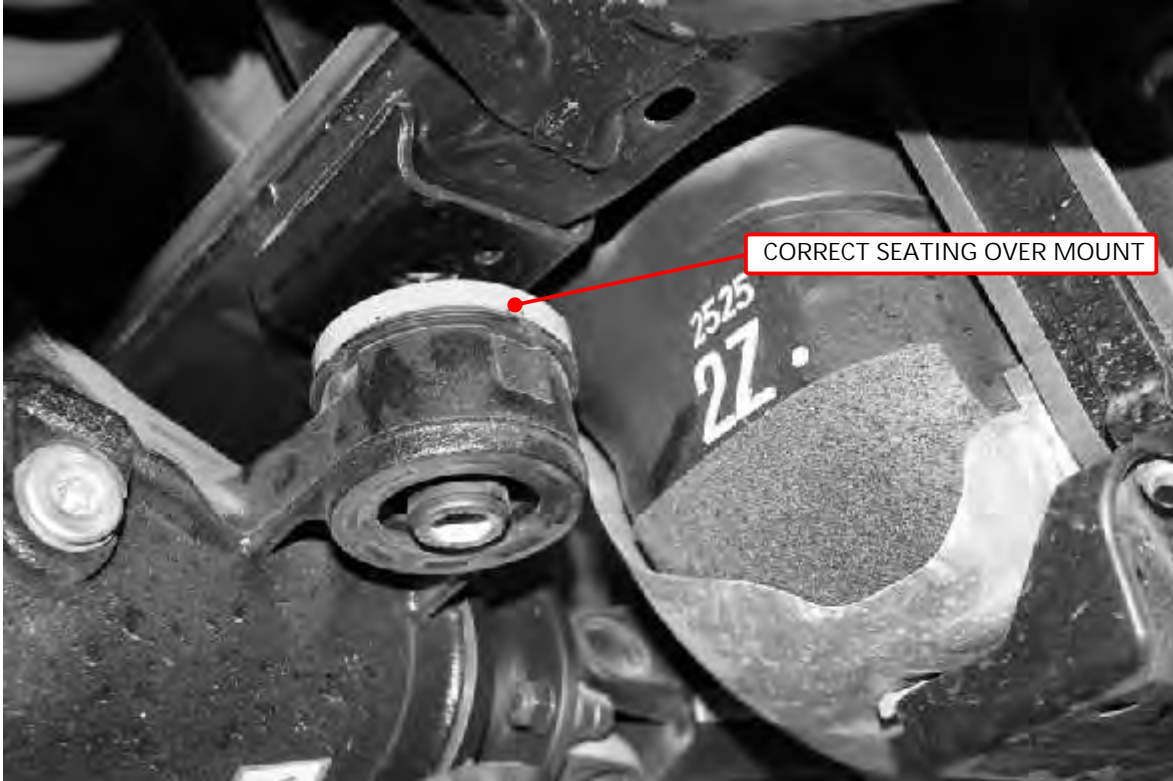
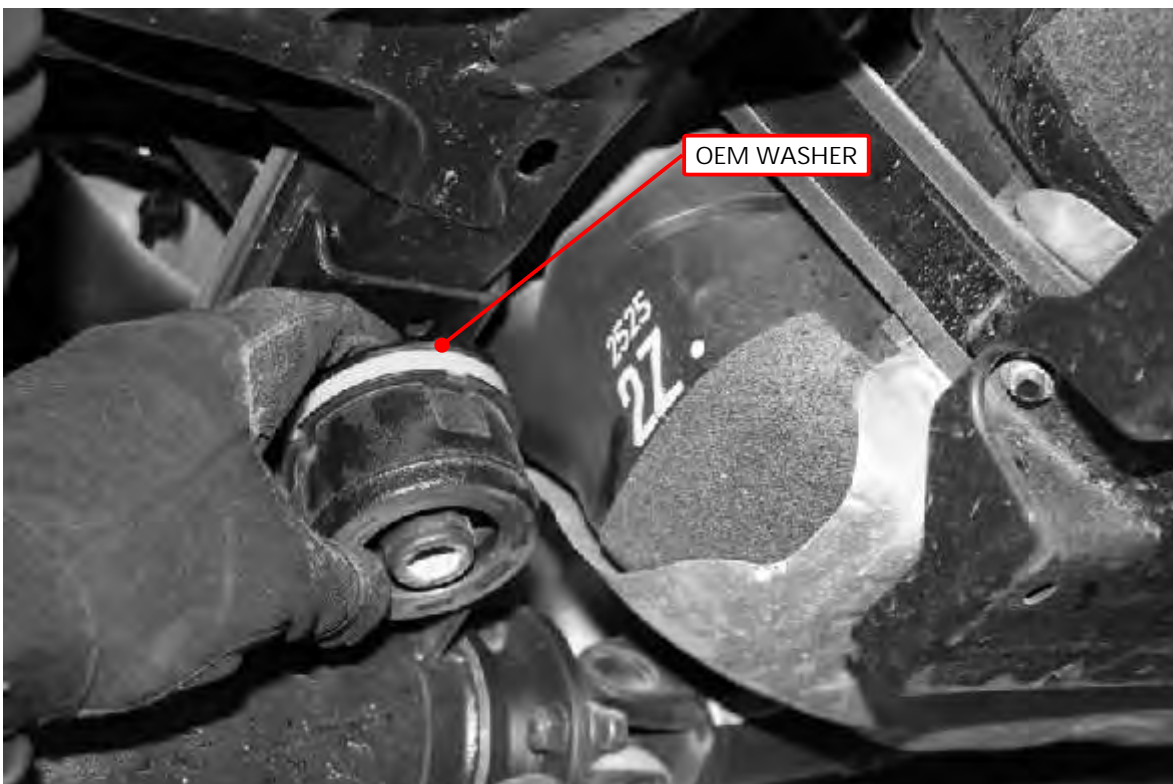


FIGURE 6

✍️ Re-fit the OEM washer to the top side of the bushing ensuring the contact faces are well lubricated.



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FIGURE 7

- Fit the supplied lower insert onto the OEM lower washer and lubricate all contact faces.
- Note: Ensure locating tabs are engaged into the OEM slots.*

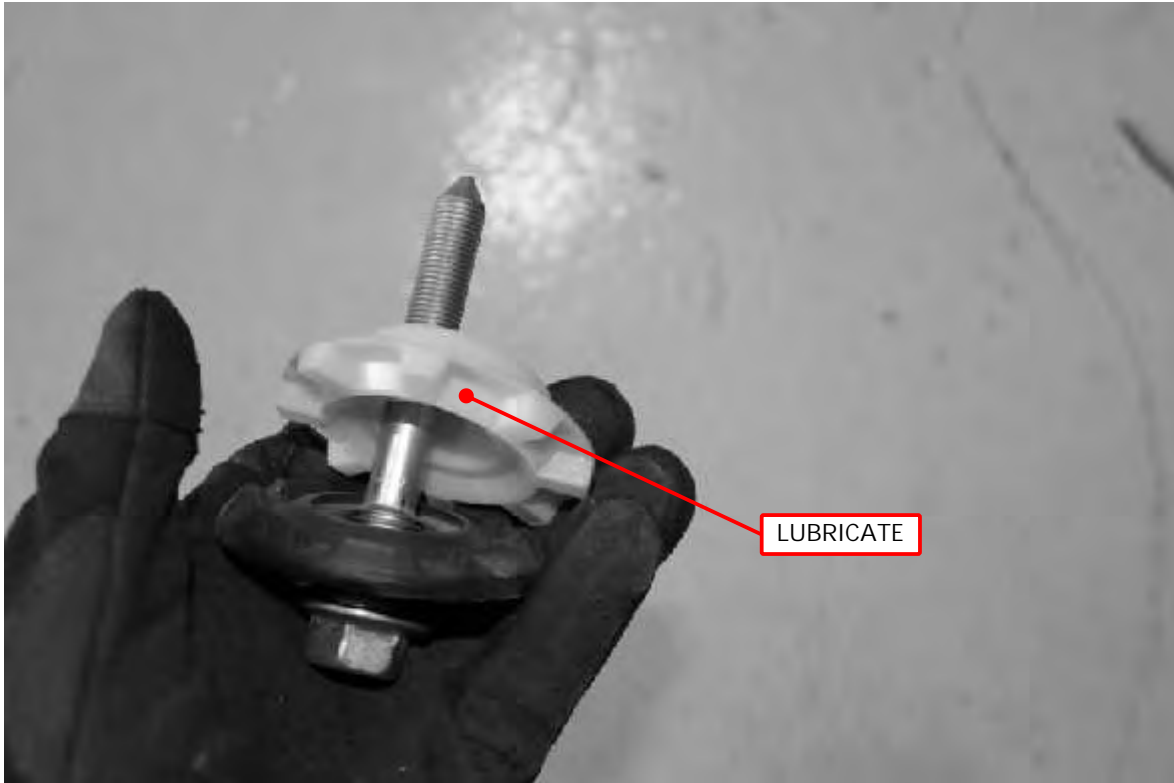
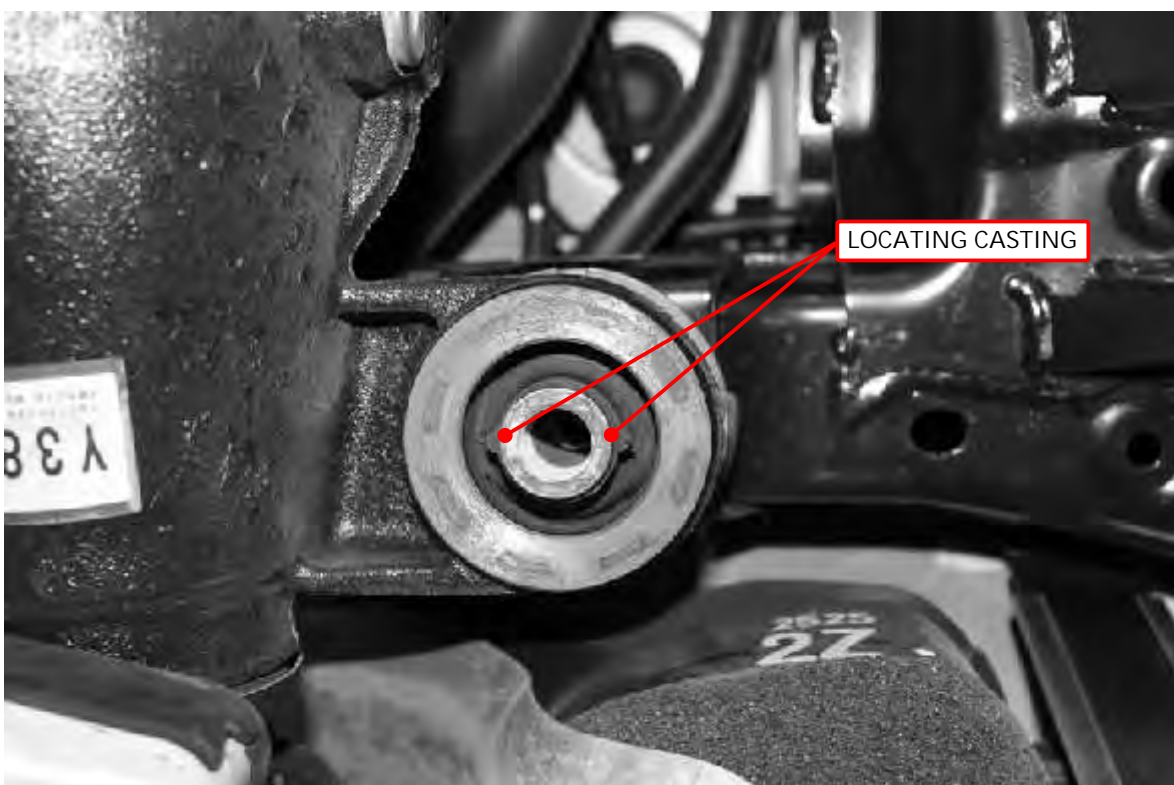


FIGURE 8

- Taking note of the OEM front differential bushing the two locating castings within the rubber bushings must line up with the cast locator in the supplied lower insert



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FIGURE 9

✎ Correct installation of the supplied lower insert into the OEM rubber bushing.

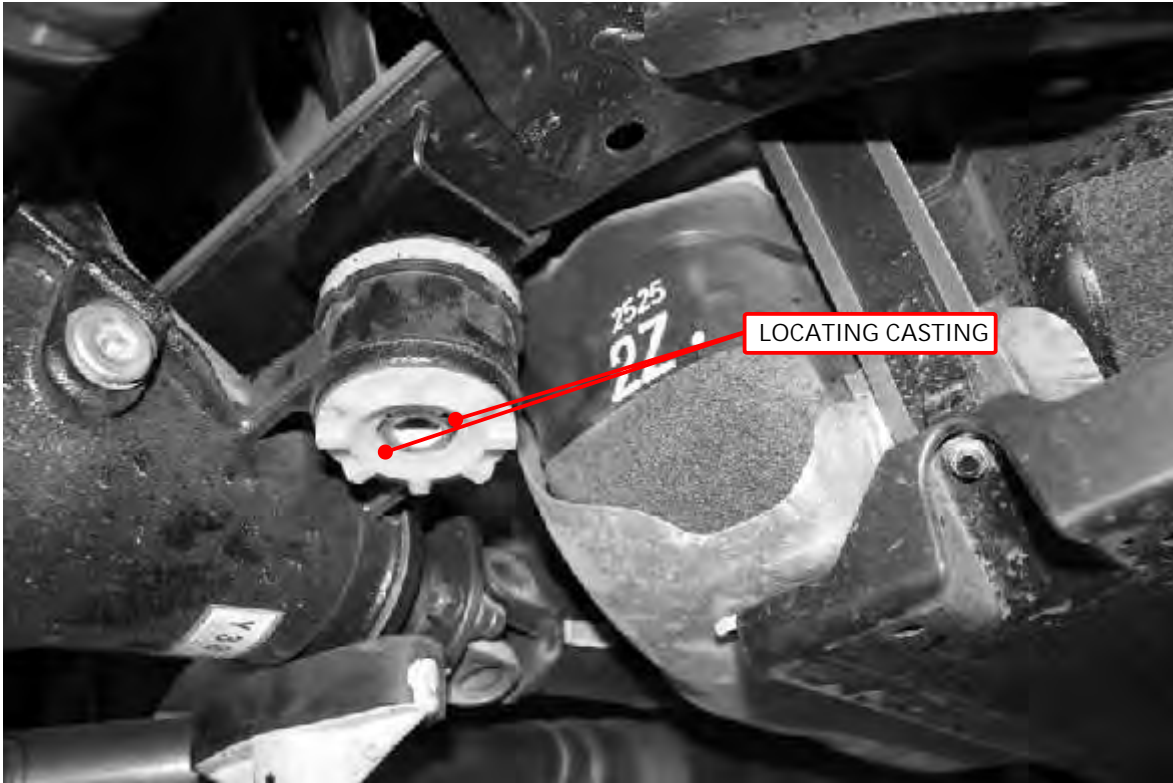
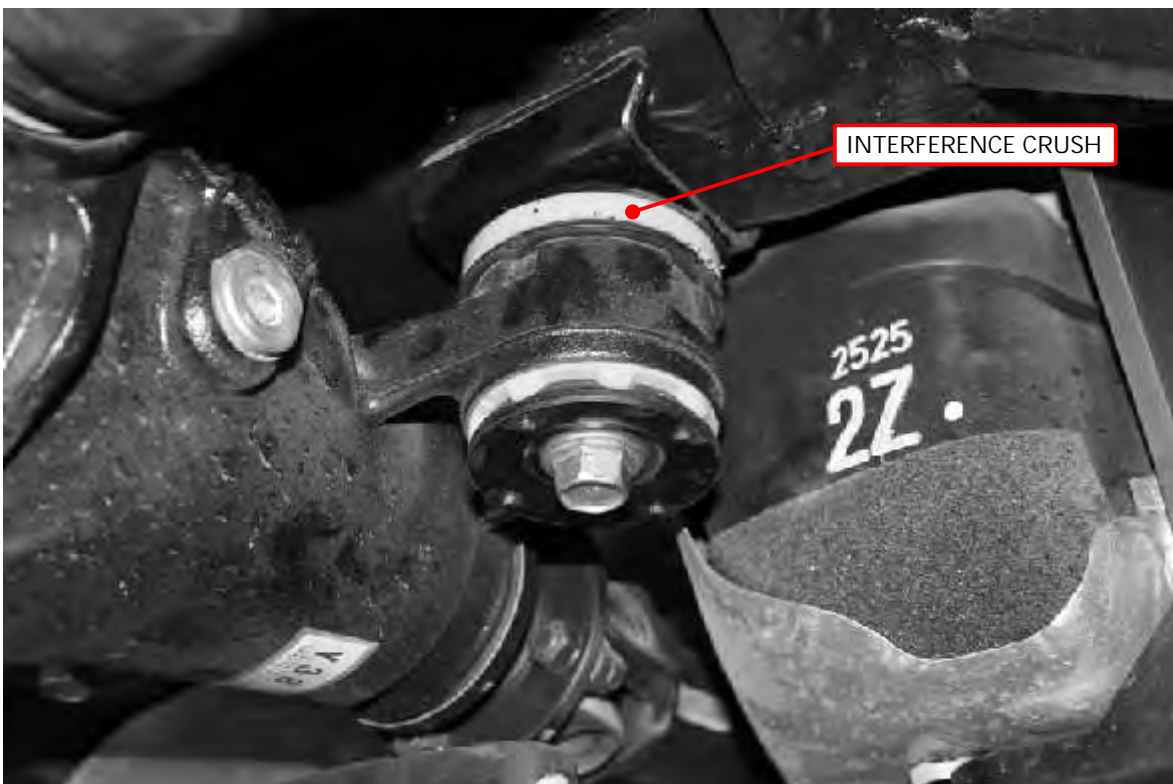


FIGURE 10

✎ Tension front differential bolts to OEM specifications ensuring correct seating of the inserts

✎ *Note: Slight interference crush on the upper insert seat will be noted after tensioning.*



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FIGURE 11

Remove support from the front of the differential and move to the rear so removal of the rear bolts can be achieved.

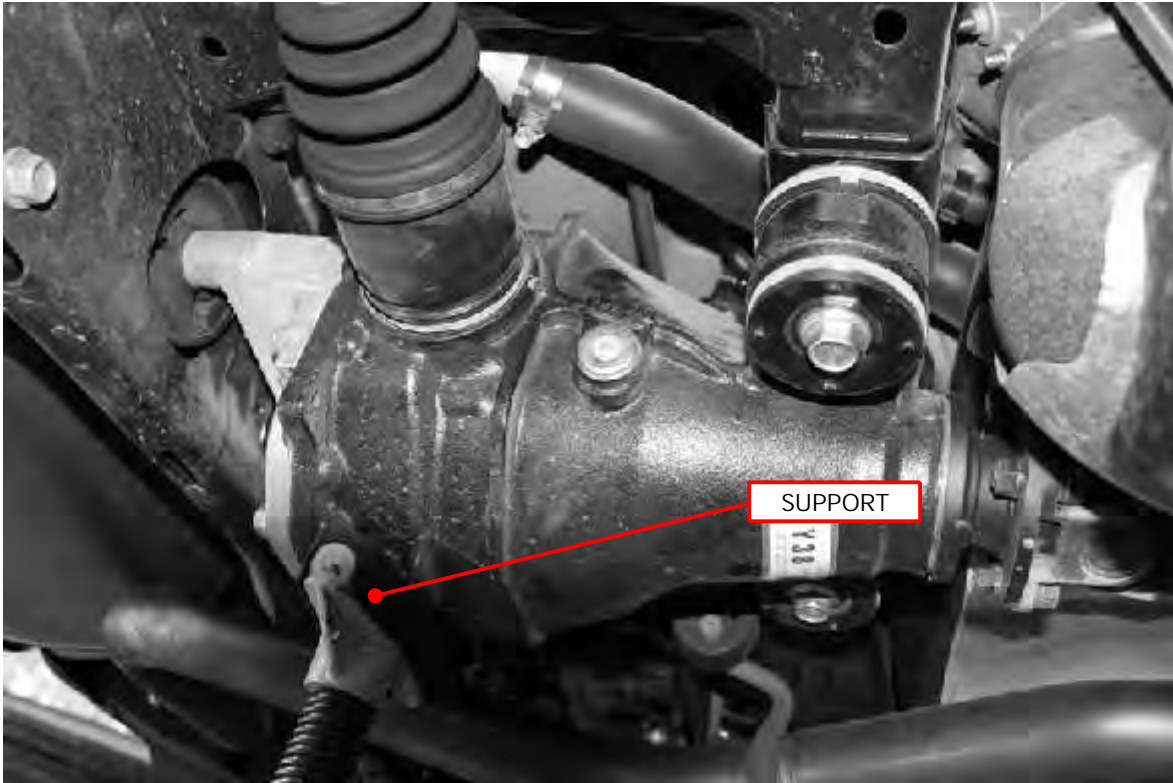
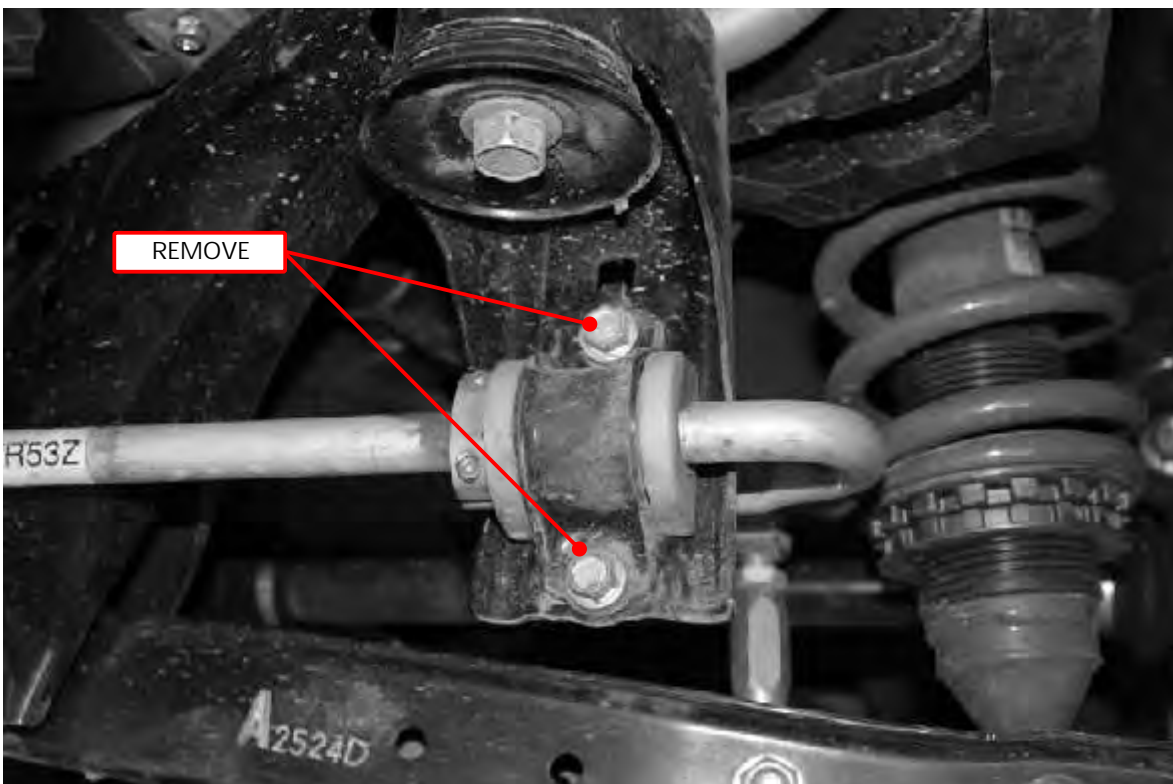


FIGURE 12

Remove the rear swaybar mounting bracket bolts from both sides to enable correct access and full removal of the OEM rear differential bolts.

Note: Rear swaybar does not need to be fully removed from the vehicle.



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FIGURE 13

✍️ Remove the bolts as per indicated in the image below.

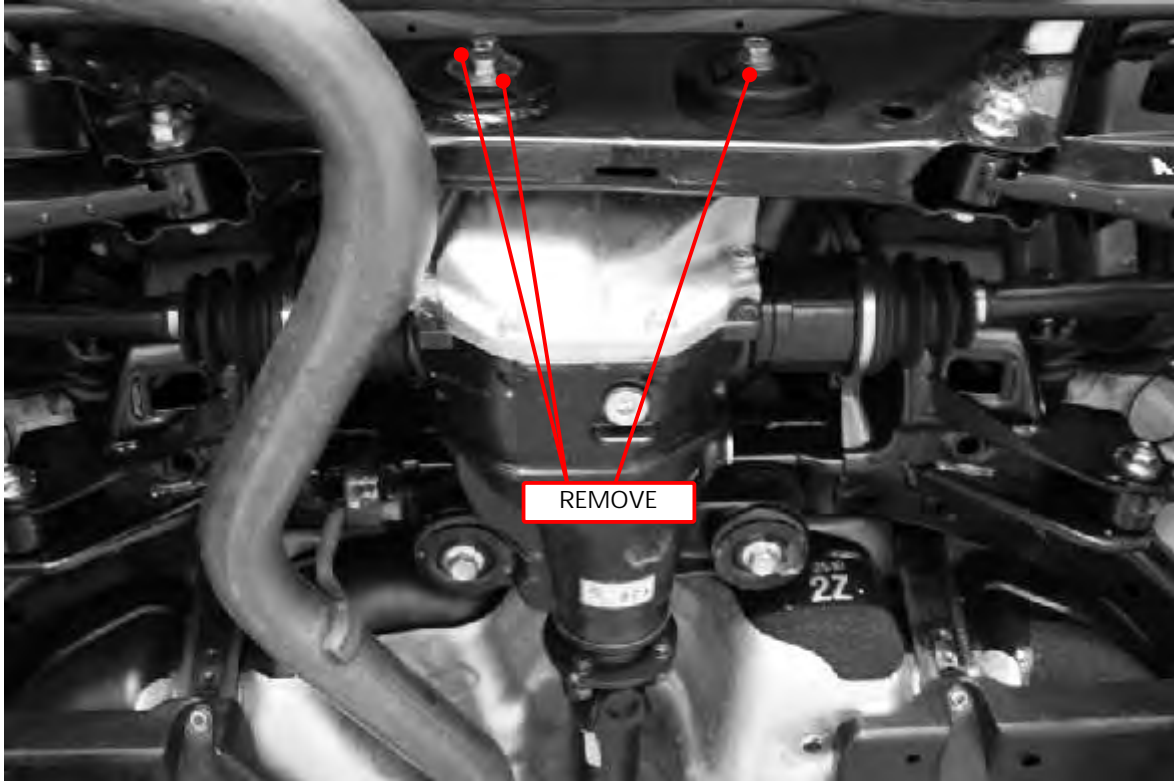
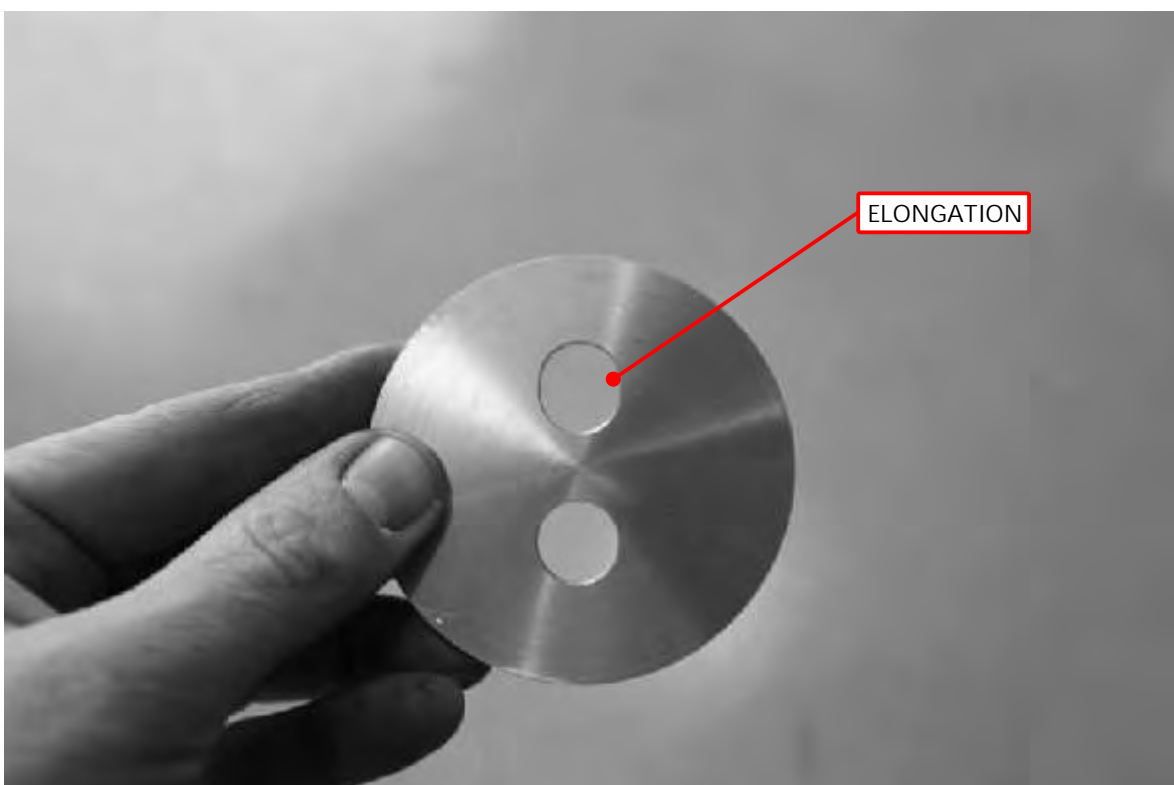


FIGURE 14

✍️ Taking note of the flat washer supplied in the kit a slight elongation is observed to allow for correct fitment and alignment to the differential holes. The elongated hole is installed to the top of the two bolt differential mount.



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FIGURE 15

Install the two supplied rear differential inserts into the OEM differential bushings ensuring they are well lubricated. The insert with the voided holes installs into the right hand side with the supplied stepped washer
Note: Orientation of the voiding is symmetrical.

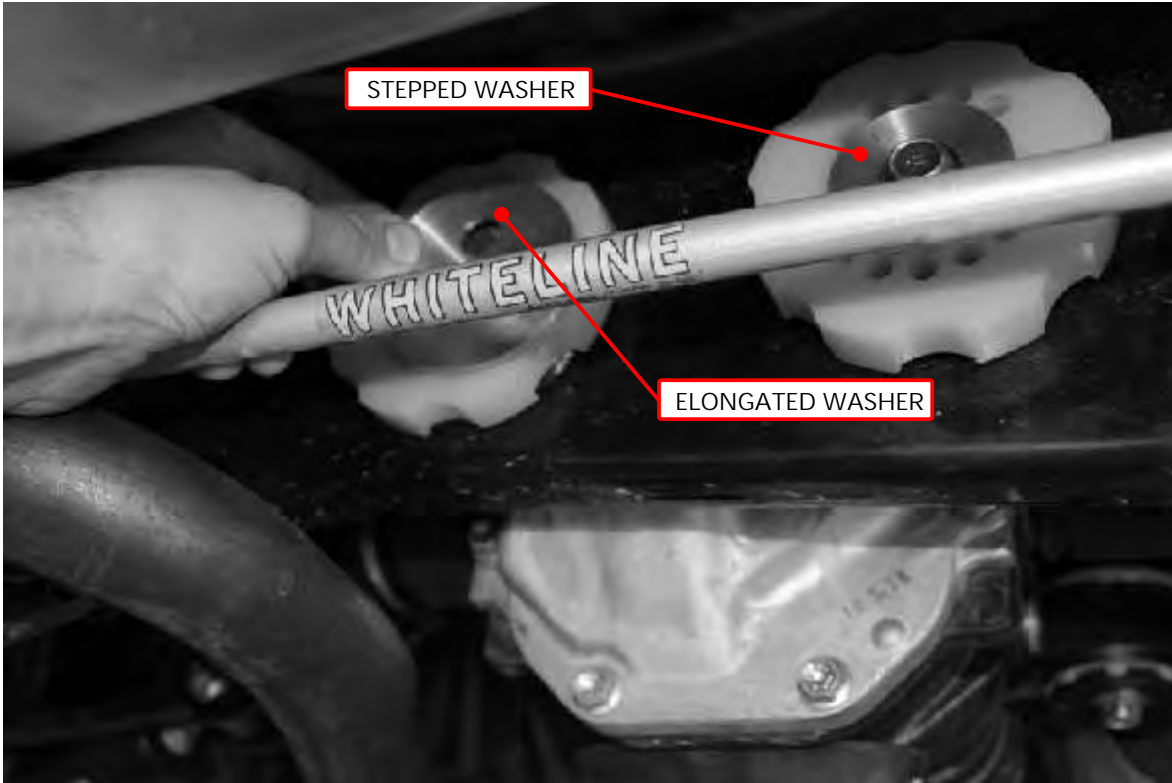


FIGURE 16

Tension all bolts to OEM specification and re-fit swaybar mounting saddles.

