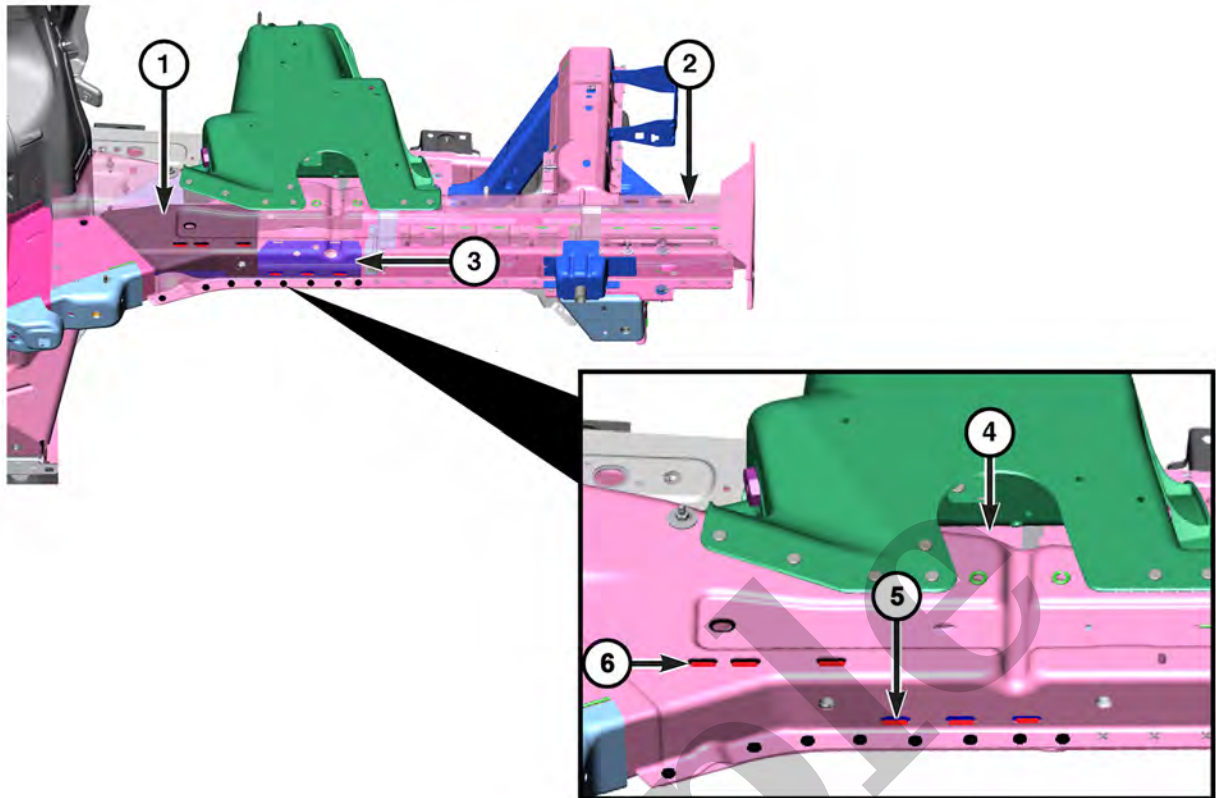


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1996 JEEP Grand Cherokee OEM Service and Repair Workshop Manual

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NOTE

Inner front rail (2) shown transparent for identification of internal reinforcement (1) and outer double reinforcement (3).

NOTE

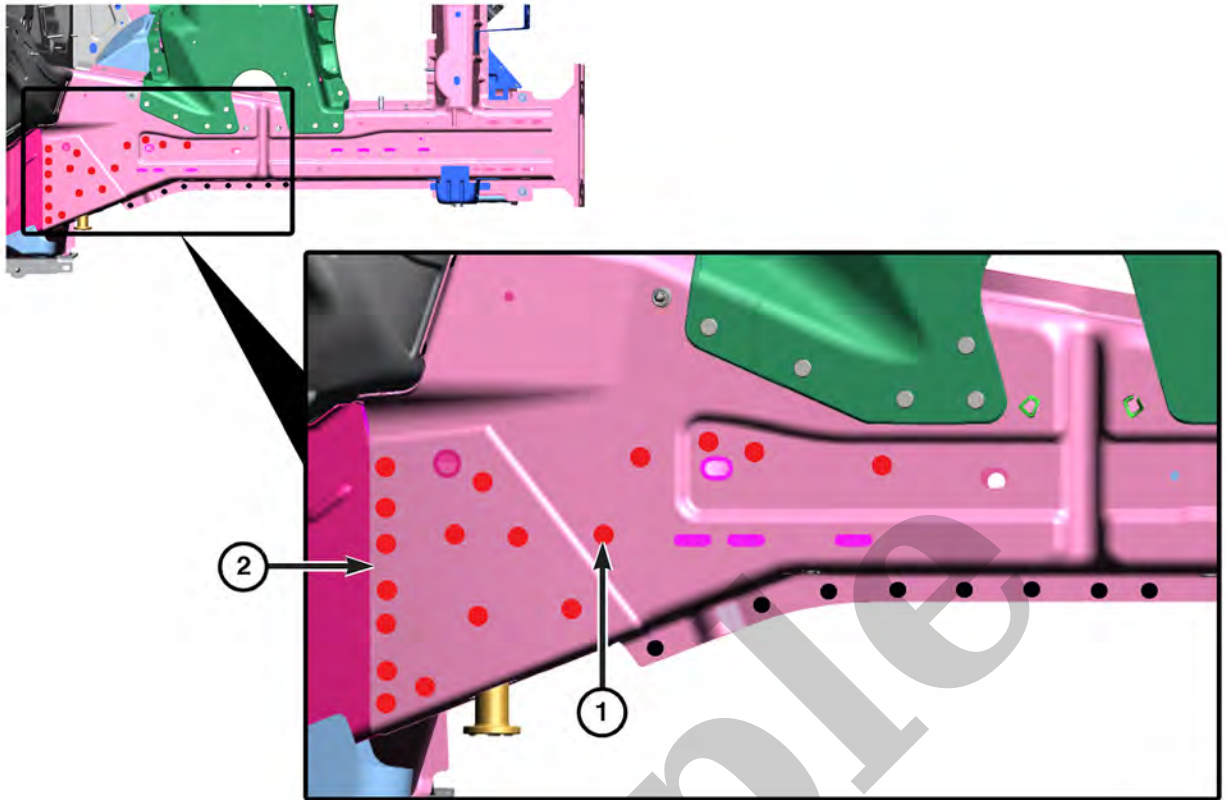
Use care to only remove the weld beads and not the base metal from the rail reinforcements (1 and 3).

18. With the use of a grinding disc or equivalent, remove the three slot welds (6) at the rear inner area of the front frame rail (4). **DO NOT** remove base metal from the internal reinforcement.

NOTE

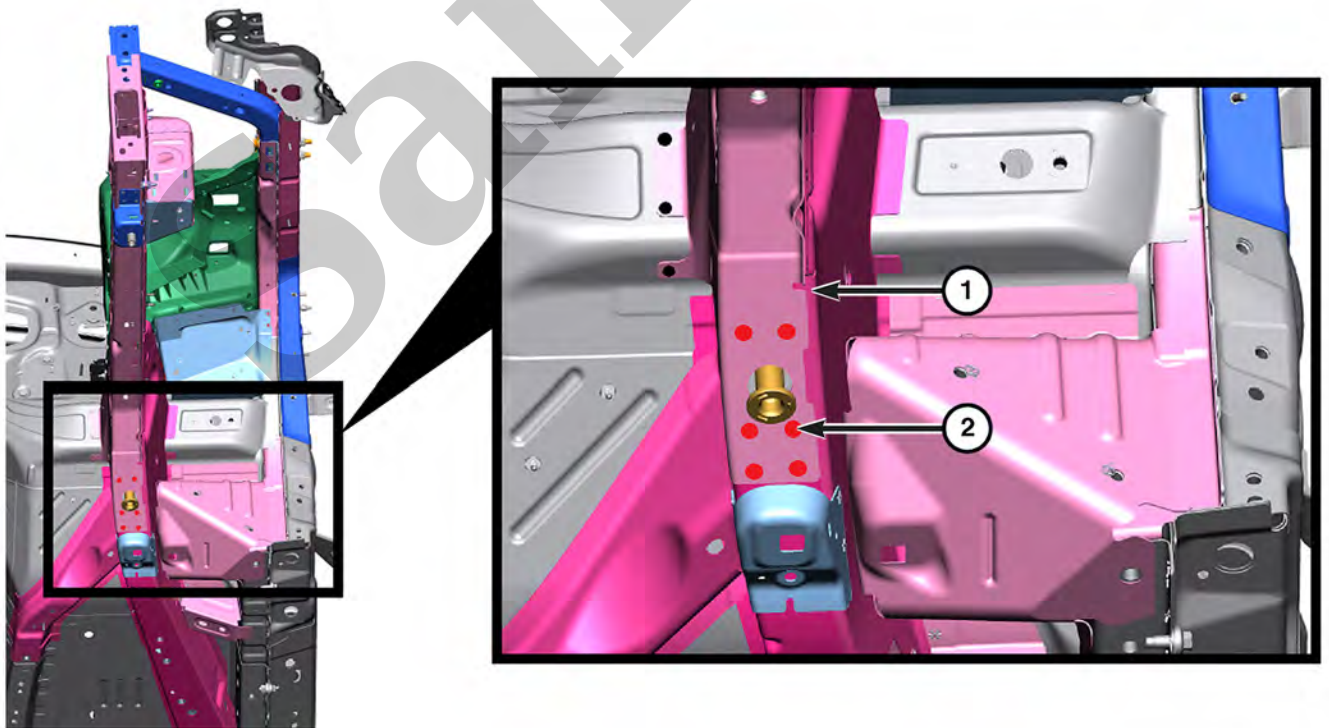
Use care to only remove the spot welds and not the base metal from the underlying rail internal reinforcement.

19. With the use of a grinding disc or equivalent, remove the three slot welds (5) at the rear bottom area of the front frame rail. **DO NOT** remove base metal from the internal reinforcement.

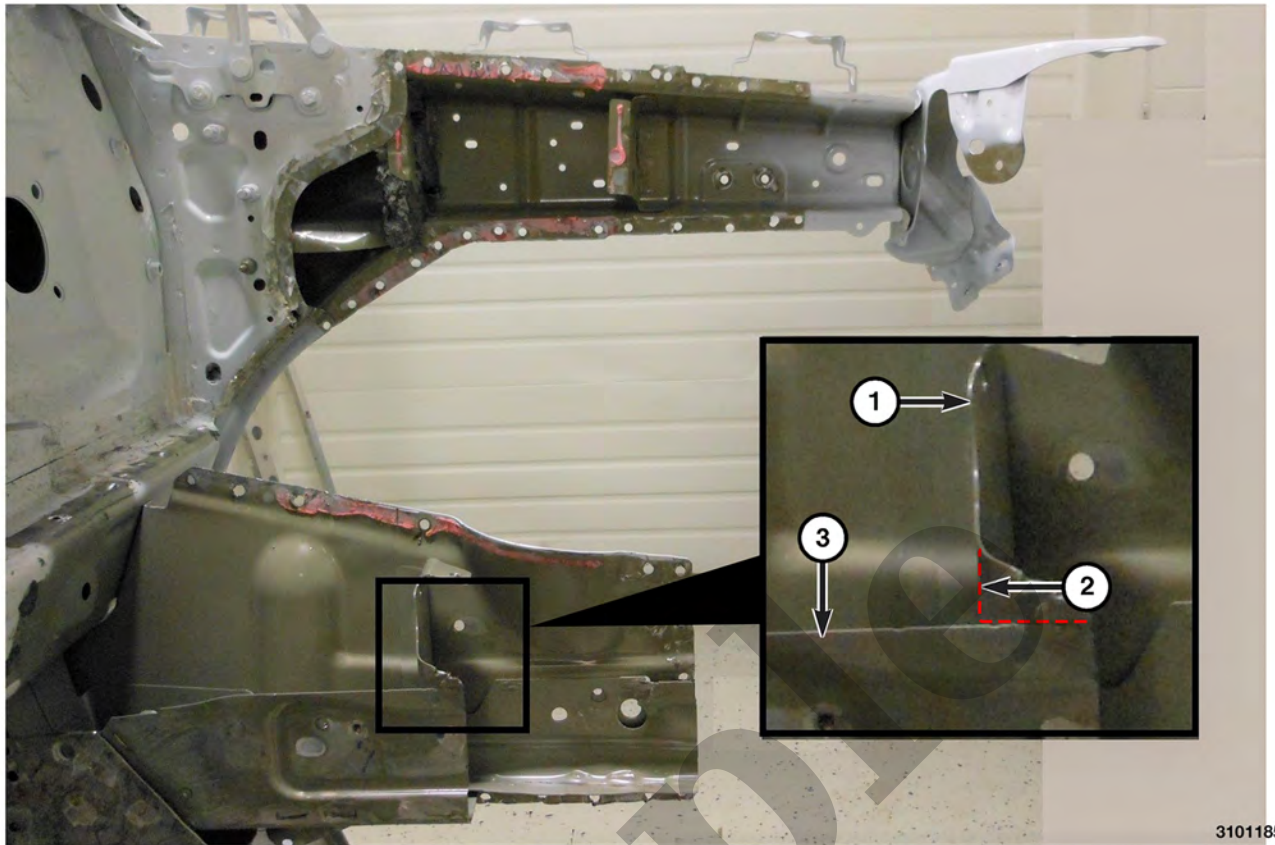


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28. Remove the 18 spot welds (1) from the inner rail (2). **DO NOT** drill into the underlying components.



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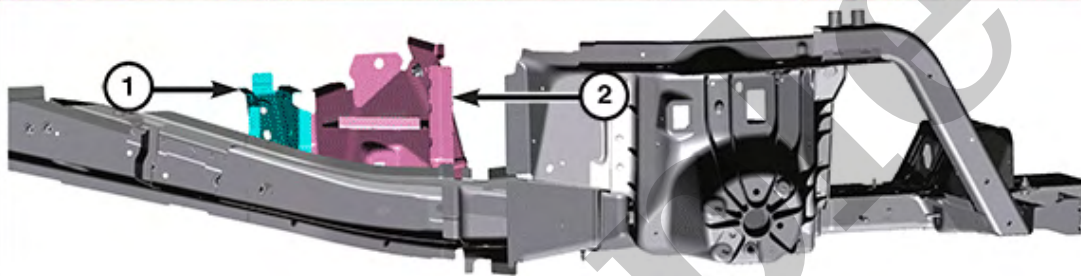
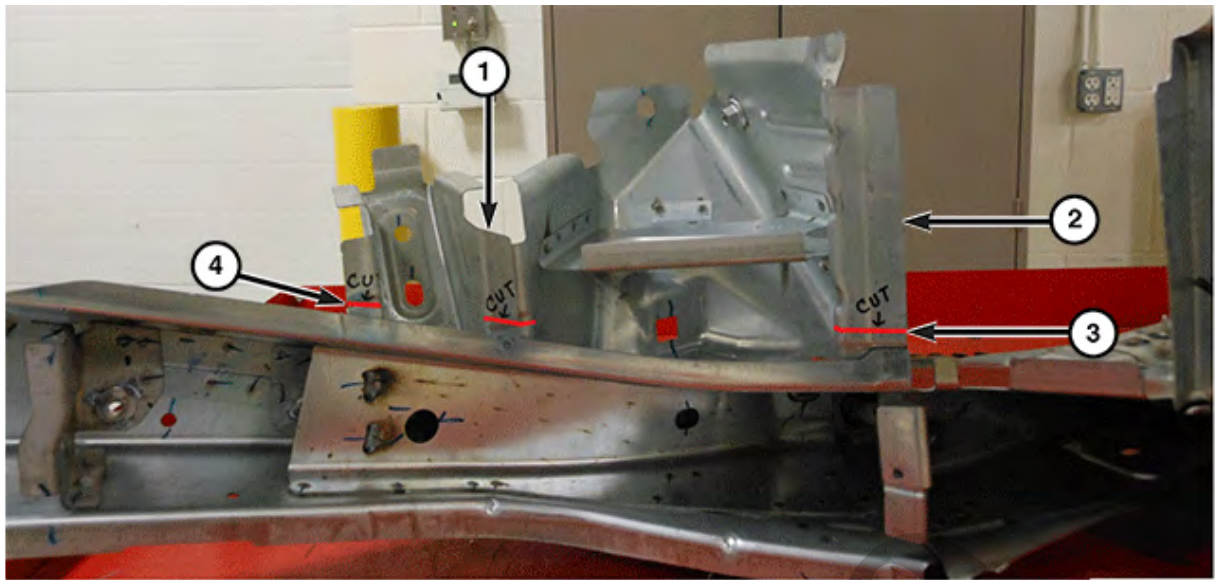


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NOTE

For ease of installation it is necessary to trim the top inboard edge of the cradle bulkhead (1).

38. With the use of a grinding disc or equivalent, cut the cradle bulkhead (1) where shown (2) and just above and along the top edge of the front rail internal reinforcement (3). Remove and discard the off-cut.



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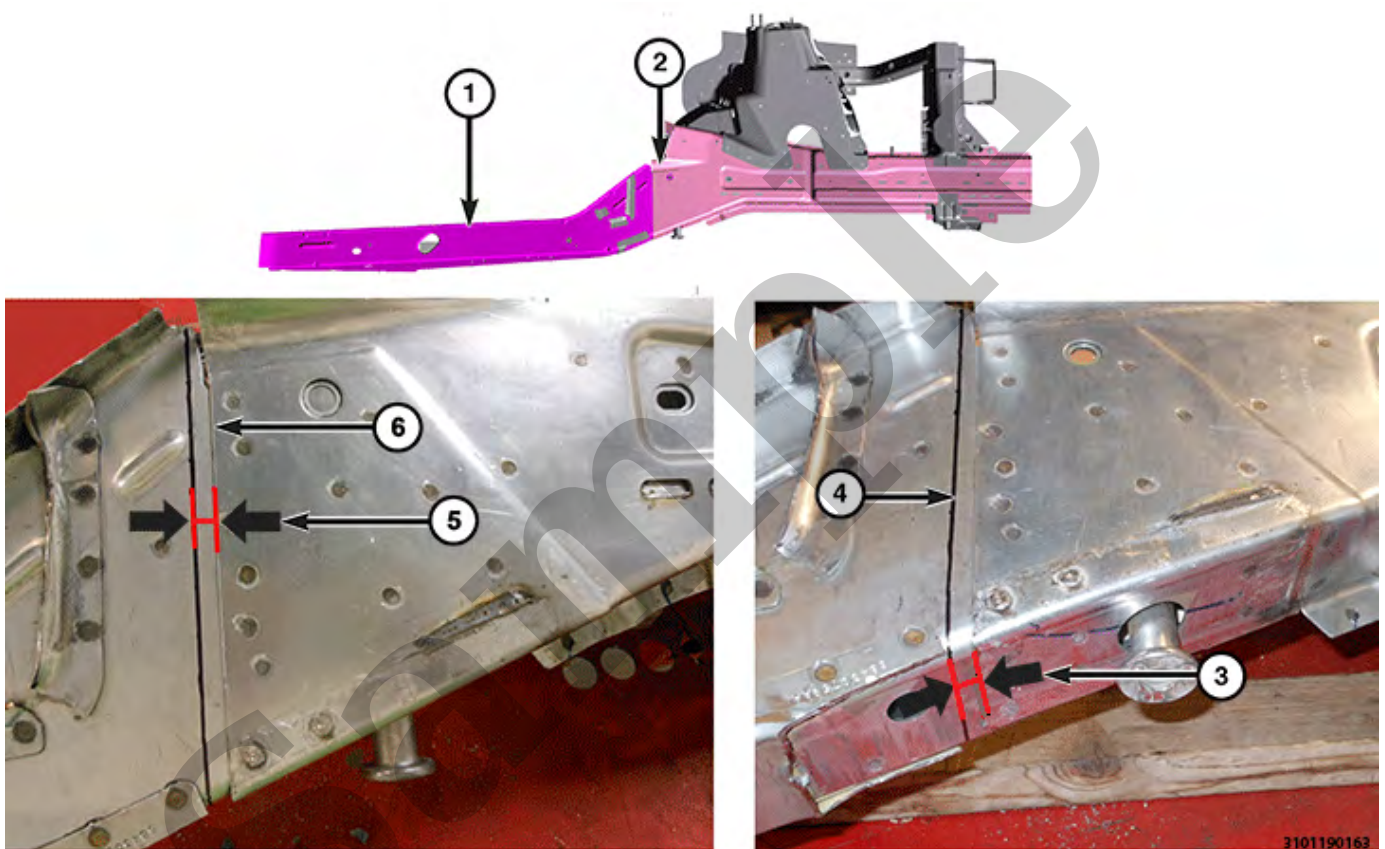
6. With the use of a die grinder equipped with a cut-off wheel or equivalent, cut the front floor reinforcement (1) along the cut lines (4) shown.
7. Cut the front torque box (2) along the cut line (3) shown.

16. Drill the three spot welds (5) on the bottom of the cradle mounting bracket securing it to the inner pipe nut.

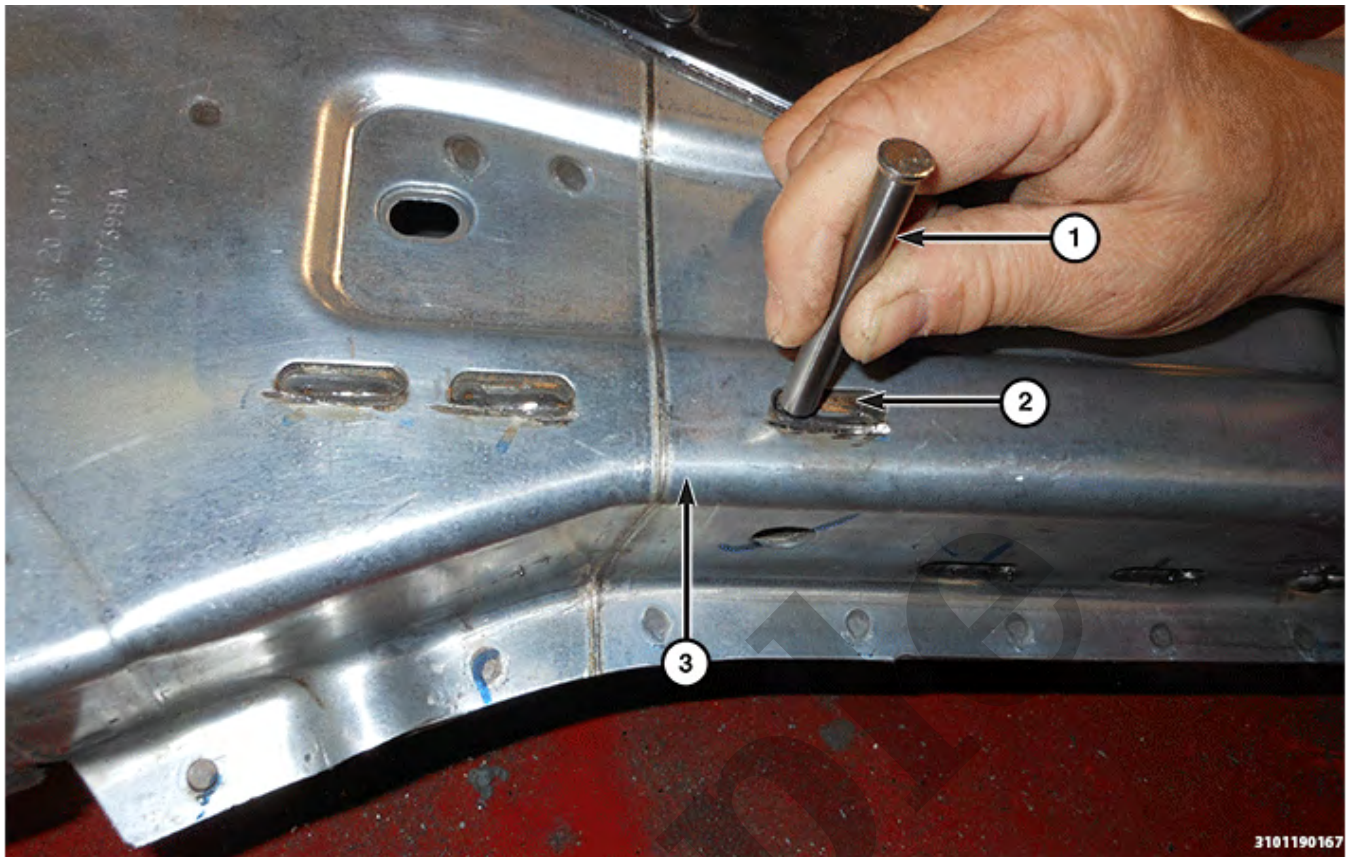
NOTE

When removing the cradle mounting bracket use care. The cradle mounting bracket will be needed during assembly.

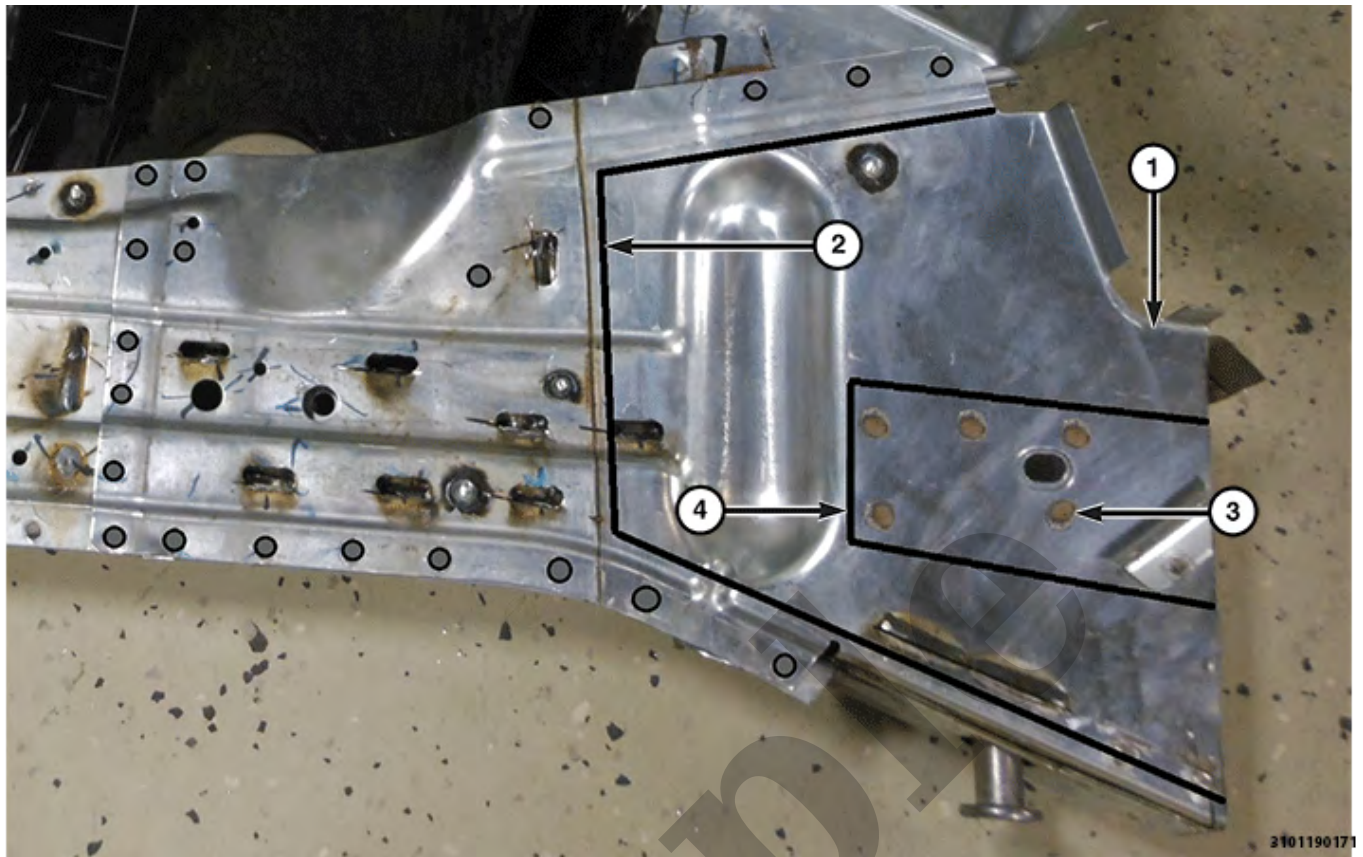
17. With the use of a hammer and thin chisel, carefully remove the cradle mounting bracket from the rail.



18. From the rear edge on the side of the inner rail (6), measure (5) rearward 10 mm and mark. Repeat a minimum of two more times.
19. From the rear edge on the bottom of the inner rail measure (3) rearward 10 mm and mark. Repeat a minimum of one more time.
20. With the use of a straight edge, mark (4) the cut line on the side and bottom.



26. With the use of a hammer and an appropriate size punch (1), drive the inner reinforcement (2) only far enough to be certain it is released from the inner rail (3).
27. Repeat on the remaining five slots.

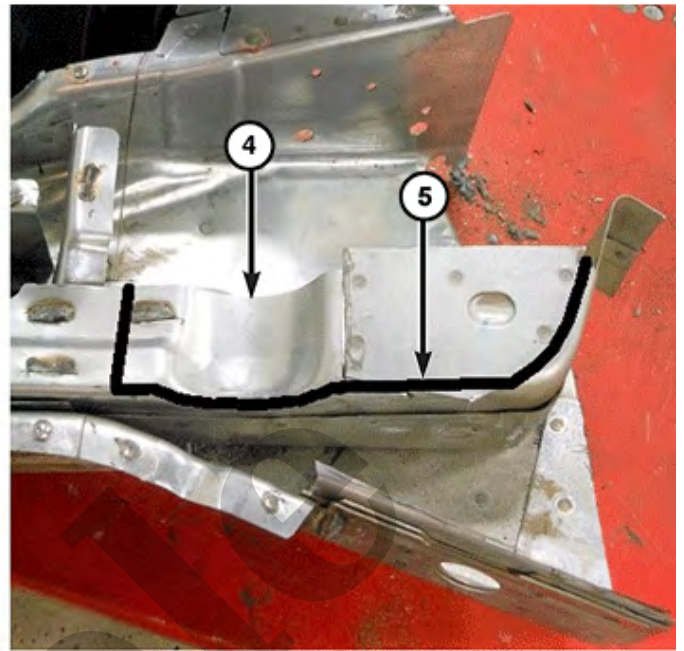
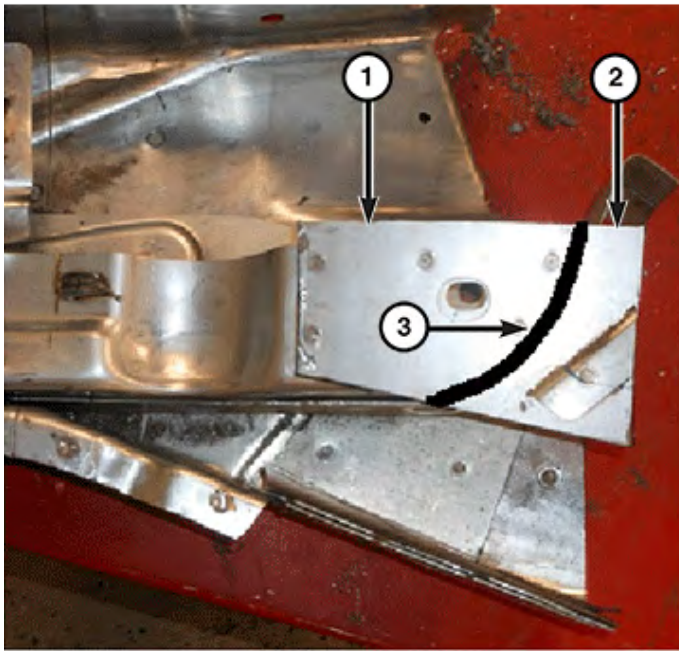


NOTE

Be certain to only cut through the outer rail (1).

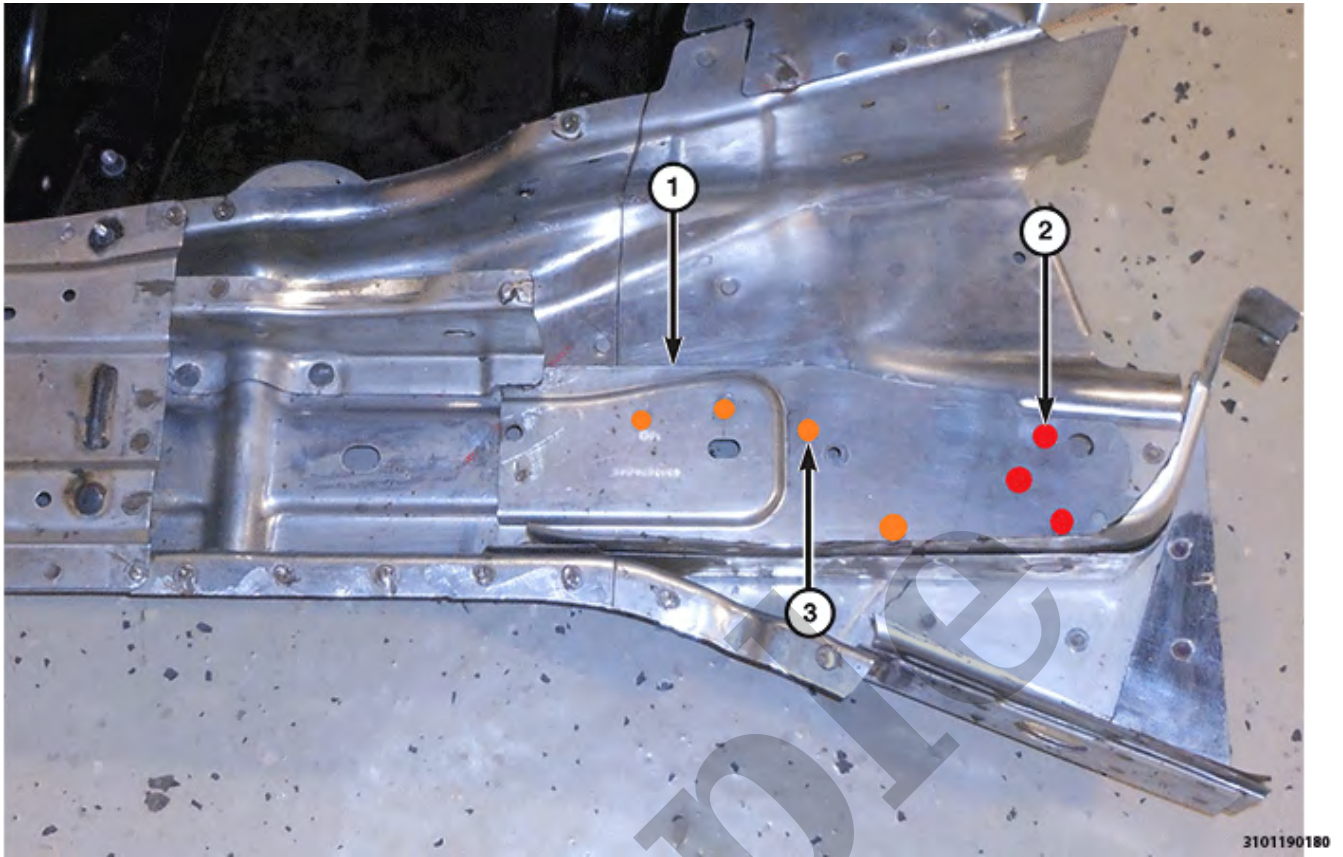
33. With the use of a cut-off wheel or equivalent, cut the outer rail duplicating the cut line (2) shown.

34. Cut the outer rail to the outer area of the spot welds (3), duplicating the cut line (4) shown.



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40. With the use of a cut-off wheel or equivalent, cut the remaining portion of the outer rail (1) along the cut line (3) shown and remove the rear piece (2).
41. Cut the outer rail reinforcement (4) along the cut line (5) shown and remove the cut off.



55. With the use of a drill equipped with an 8 mm (5/16 in) drill bit, release the spot weld (2). Only drill thru the internal rail reinforcement (1).
56. Drill the spot welds (3) all the way through the rail.
57. Remove the internal rail reinforcement.