HOISTING

STANDARD PROCEDURE - HOISTING

These lifting procedures are required for safe lifting of the RAM trucks. Refer to the Owner's Manual for emergency vehicle lifting procedures.

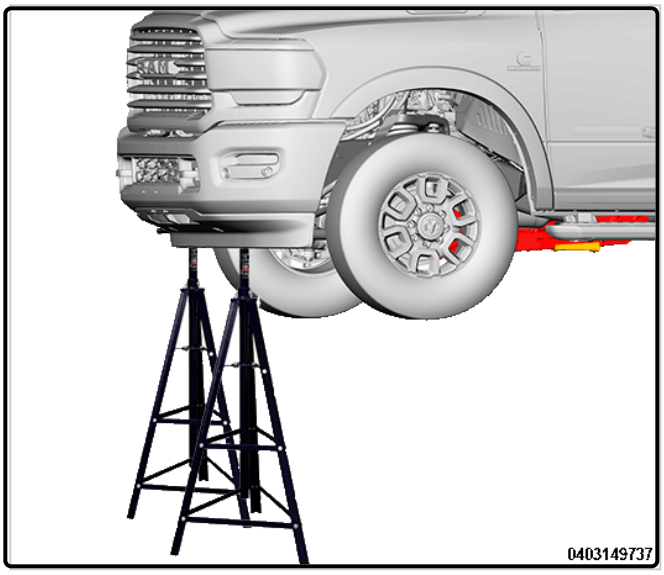
When properly positioned, a floor jack can be used to lift the vehicle. Support the vehicle in the raised position with jack stands at the front and rear ends of the frame rails.

NOTE:
Vehicles equipped with the air suspension system can be disabled and enabled by using the Display Screen Module (DSM) in the vehicle under tire jack mode, which is the preferred method. If the disable level control routine in the scan tool is used it will only disable the level control (automatic and manual) for that ignition cycle. The air suspension system can also be enabled by driving the vehicle above 5 MPH.

NOTE:
If the vehicle is equipped with air suspension, the air suspension must be disabled prior to lifting the vehicle and enabled after being removed from the hoist.

Refer to the Owner's Manual for emergency vehicle lifting procedures.

WARNING: The hoisting and jack lifting points provided are for a complete vehicle. When a chassis or drivetrain component is removed from a vehicle, the center of gravity is altered making some hoisting conditions unstable. Properly support or secure vehicle to hoisting device when these conditions exist.



NOTE:
Use the correct front frame rail lifting locations only.

FLOOR JACK

When properly positioned, a floor jack can be used to lift a vehicle. Support the vehicle in the raised position with jack stands at the front and rear ends of the frame rails.

CAUTION: Do not attempt to lift a vehicle with a floor jack positioned under:

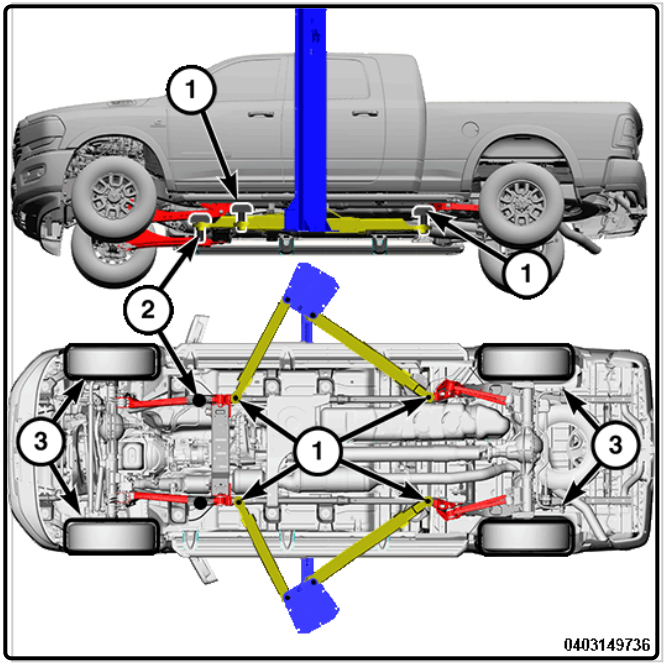
- **Aluminum differential.**
- **A body side sill.**
- **A steering linkage component.**
- **A driveshaft.**
- **The engine or transmission oil pan.**
- **The fuel tank.**

HOIST

A vehicle can be lifted with:

- A single-post, frame-contact hoist.
- A twin-post, chassis hoist.
- A ramp-type, drive-on hoist.

NOTE:
When a frame-contact type hoist is used, verify that the lifting pads are positioned properly.



LIFTING POINTS

1, 2 - FRAME CONTACT LIFT (SINGLE POST)

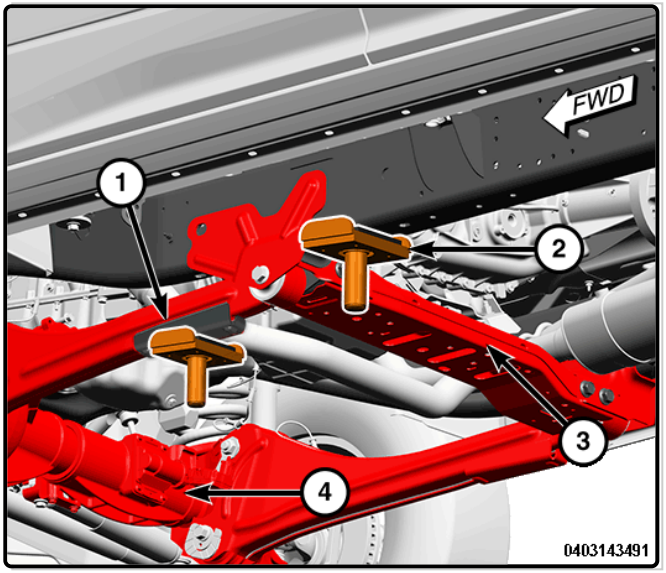
1, 2 - CHASSIS LIFT (DUAL LIFT)

1, 2 - OUTBOARD LIFT (DUAL LIFT)

1, 2 - FLOOR JACK

3 - DRIVE ON HOIST

NOTE:
The forward lifting pads should be positioned against the rearward flange of the transmission crossmember brackets at the bottom of the frame rail.

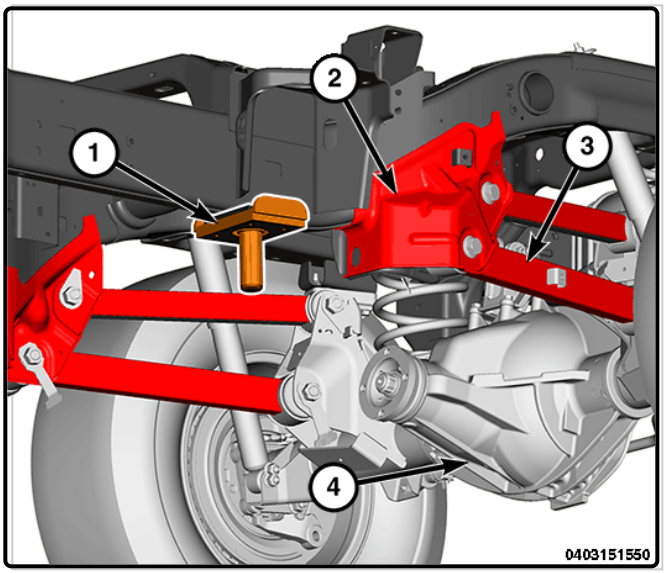


FRONT LIFT LOCATIONS

1 - LOWER CONTROL ARMS
2 - FRONT LIFT PAD

3 - TRANSMISSION CROSSMEMBER
4 - FRONT AXLE (IF EQUIPPED)

NOTE:
The rear lifting pads should be wedged between the forward flange of the leaf spring bracket and the frame rail. Safety stands should be placed under the frame rails at the front and rear ends.



REAR LIFT LOCATIONS

1 - REAR LIFT PAD
2 - SUSPENSION MOUNTING BRACKET
3 - SUSPENSION SWING ARMS
4 - REAR AXLE