

Model: All

Vehicle System: 31 - Suspension

Region: All

Tech Note: Component and Fastener Replacement During Suspension Repair

Tech Notes are announcements that help to communicate and track new information about Tesla Service concerns. Such concerns may or may not be VIN specific. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla assumes no liability for injury or property damage due to a failure to properly follow these instructions or for repairs attempted by unqualified individuals.

This Service Bulletin supersedes TN-15-31-001 R1, dated 11-Jan-16. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

When performing certain suspension repairs on Tesla vehicles, some components and fasteners must be replaced at the same time:

- Suspension components: When a front or rear suspension component is replaced, all of the fasteners for that component must also be replaced (other than lug nuts and alignment bolts). Do not reuse any fasteners that were removed.
- Knuckle damage: If a front or rear knuckle is being replaced due to impact damage, the hub for that knuckle must also be replaced.
- Inner tie rod damage: If an inner tie rod is being replaced due to impact damage, the steering gear assembly must also be replaced.
- Axle separation: If an axle is separated from its hub during a repair, the hub nut must be replaced. Do not reuse the hub nut that was removed.
- Subframe: If the front or rear subframe is removed or replaced, the subframe mounting bolts must be replaced. Do not reuse any bolts that were removed.

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