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GROUP: 19 - Steering

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SUBJECT:

Toe Adjustment With Welded Drag Link

OVERVIEW:

This bulletin involves an updated procedure on how to adjust the toe on a vehicle after it has had (V06) recall performed (welded drag link) in the event that the front toe needs adjustment at a later date.

MODELS:

2013 - 2018	(D2)	RAM 3500 Pickup
2014 - 2018	(DJ)	RAM 2500 Pickup
2014 - 2018	(DD)	RAM 3500 Cab Chassis
2016 - 2018	(DF)	RAM 3500 <10K Cab Chassis

NOTE: This bulletin applies to vehicles within the following markets/countries: North America.

NOTE: This bulletin applies to vehicles that have had Recall V06 performed.

DISCUSSION:

Toe setting procedure for HD trucks with welded drag link recall that has been performed prior.

Before starting wheel alignment, the following inspection must be completed. Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info> 02 - Front Suspension / Wheel Alignment / Diagnosis and Testing> Diagnosis And Testing - Pre-Alignment Inspection.

- Inspect tires for size, air pressure, and tread wear.
- Inspect front wheel bearings for wear.
- Inspect front wheels for excessive radial or lateral runout and balance.
- Inspect the ball studs, linkage pivot points, and the steering gear for looseness, roughness or binding.
- Inspect the suspension components for wear and noise.
- Road test the vehicle.

REPAIR PROCEDURE:

1. Start the engine, turn the steering wheel both ways and center the steering wheel as best as possible. Turn off engine.

NOTE: With the vehicle in a level position, verify the drag link/tie rod ball joints are not twisted and are centered. Rotate drag link/tie rod until ball joints are level, top of ball joint housing is level with the steering knuckle.

2. Adjust right wheel toe position between 0.00° and +0.20° by turning the steering wheel. Lock the steering wheel. If left wheel toe position is within 0.00° and +0.20°, no alignment is needed. If not, proceed to [Step 3](#).
3. Adjust the left wheel toe position to match the right wheel position with the tie rod adjuster sleeve. Verify the tie rod end is parallel, Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info> 02 - Front Suspension / Wheel Alignment / Standard Procedure> Tie Rod Ball Stud Housing Misalignment Check. Position the clamp bolts to their original position and tighten to the proper torque specifications per the service information. **Make sure the toe setting does not change during tightening.**

POLICY:

Information Only