

02 - Front Suspension / Wheel Alignment / Standard Procedure

TOE SETTING PROCEDURE FOR TRUCKS WITH DRAG LINK RECALL WELD

Pre-Alignment Inspection

Before starting wheel alignment, the following inspection and necessary corrections must be completed. Refer to the suspension and steering system diagnosis chart for additional information.

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

Toe Setting Procedure

1. Start the engine and 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 a level tie rod ball joint. Position the clamp bolts to their original position and tighten to the proper torque specifications. **Make sure the toe setting does not change during tightening.**