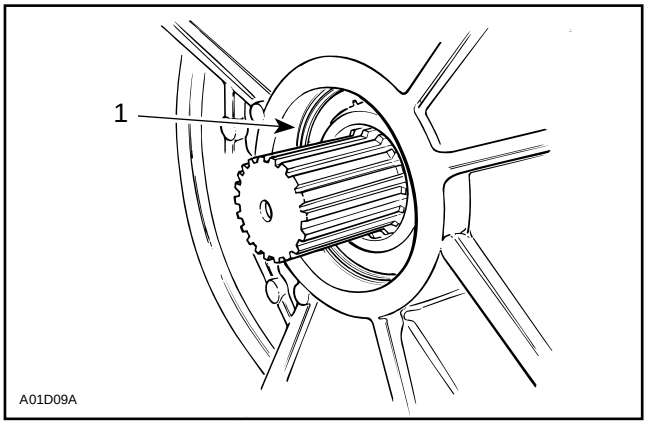


1. No gap all around

– Pull drive axle toward the end bearing housing and take note of the measurement between sprocket and tunnel.

The drive axle axial play is the difference between these 2 measurements.

– Repeat this procedure 2 or 3 times to obtain an accurate measurement.

The allowable drive axle axial play is 0 to 1.5 mm (0 to .060 in).

The drive axle axial play, as calculated above, should be within the allowable axial play, add shim(s) accordingly.

– Remove drive axle, install required shim(s) as per the shim position chart, reinstall drive axle without the suspension and track.

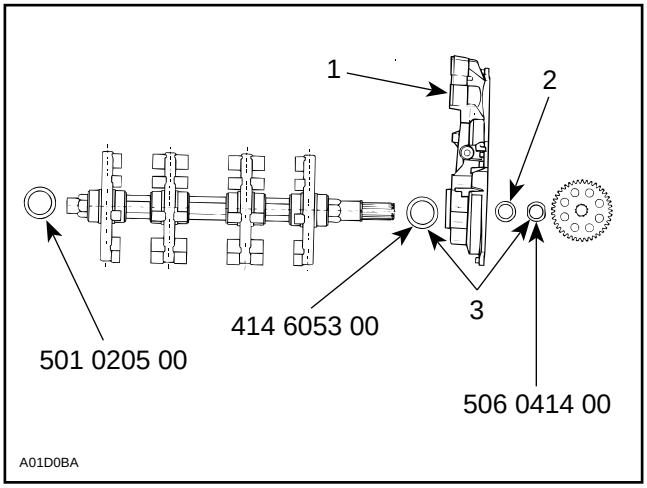
SHIM POSITION

Shim position is important to maintain proper sprocket alignment.

▼ CAUTION : Install shim(s) following the pattern shown in the chart.

SHIM(S) REQUIRED	SHIM POSITION AND QUANTITY	
	END BEARING HOUSING SIDE	CHAINCASE SIDE
1	1	
2	1	1
3	2	1

When installing shims between the chaincase and the drive axle bearing, there must be same quantity of shims between the drive chain sprocket and spacer.



1. Chaincase
2. Spacer
3. Same quantity

– Doublecheck drive axle axial play as described above.

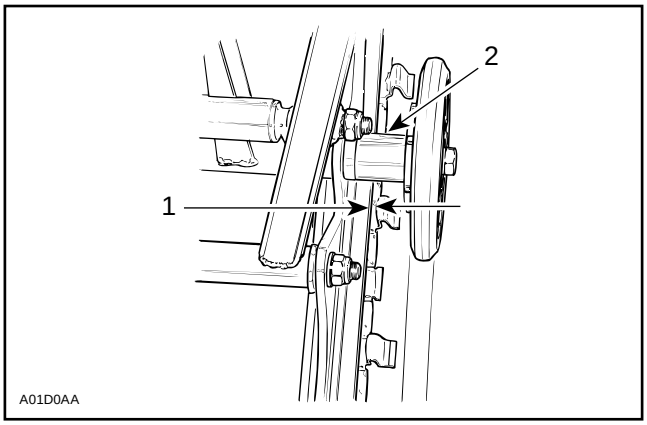
– Modify total shim thickness as required.

– Reinstall track and suspension. Adjust track tension and alignment.

○ NOTE : Center the track suspension to ensure that the alignment check made in the next step is accurate.

– To center, grasp the track suspension and move it sideways, left and right. Position the track suspension at the midpoint of its sideways movement.

– Check track front alignment by measuring the gap, on each side between guide cleat and the slider shoe, behind the suspension front axle as shown.



1. Distance between guide cleat and slider shoe
2. Suspension front axle