

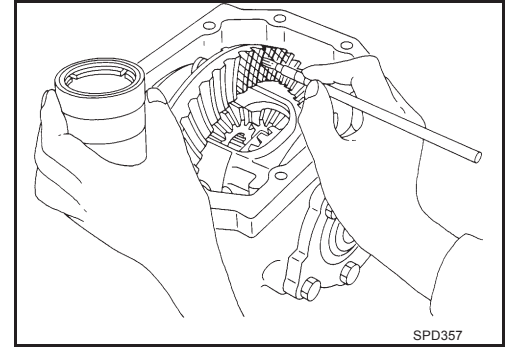
# REAR FINAL DRIVE ASSEMBLY

## Tooth Contact

1. Remove rear cover. Refer to [RFD-21, "Differential Assembly"](#).
2. Apply red lead to drive gear.

**CAUTION:**

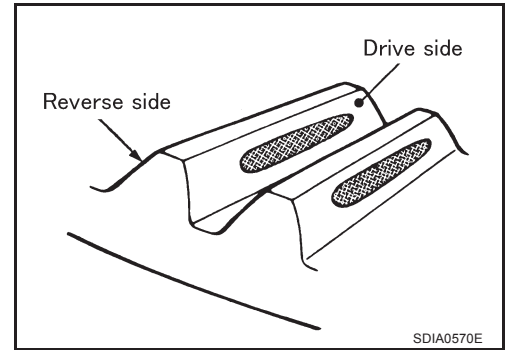
Apply red lead to both the faces of 3 to 4 gears at 4 locations evenly spaced on drive gear.



3. Rotate drive gear back and forth several times, check drive pinion gear to drive gear tooth contact.

**CAUTION:**

Check tooth contact on drive side and reverse side.



Tooth contact condition		Pinion height adjusting washer selection valve [ mm (in) ]	Adjustment (Yes/No)	Possible cause	
Drive side	Back side				
Heel side 	Toe side 	↑ Thicker	Yes	Occurrence of noise and scoring sound in all speed ranges.	
					Occurrence of noise when accelerating.
				+	No
		0			
		↓ Thinner	Yes	Occurrence of noise at constant speed and decreasing speed.	
					-
				-	

SDIA0207E