

PROPELLER SHAFT

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8 OUTLINE, TROUBLESHOOTING GUIDE

OUTLINE

SPECIFICATIONS

Item		
length x outer diameter	mm (in)	13B engine powered vehicle 909 x 65 (35.8 x 2.6)
		12A engine powered vehicle 968 x 65 (38.1 x 2.6)

TROUBLESHOOTING GUIDE

Problem	Possible Cause	Remedy	Page
Noise	Worn universal joint	Replace	8-3
	Worn yoke spline	Replace	
Vibration	Bent propeller shaft	Replace	8-3
	Stuck yoke spline	Replace	8-3
	Unbalance propeller shaft	Adjust or replace	
	Stuck yoke spline	Replace	

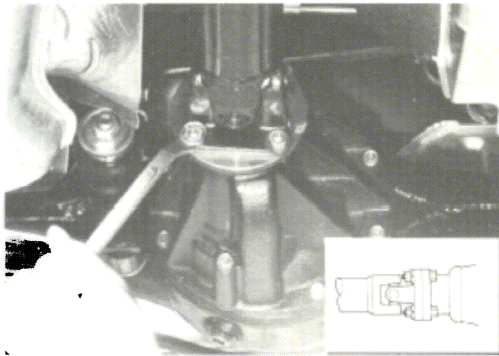
PROPELLER SHAFT

REMOVAL

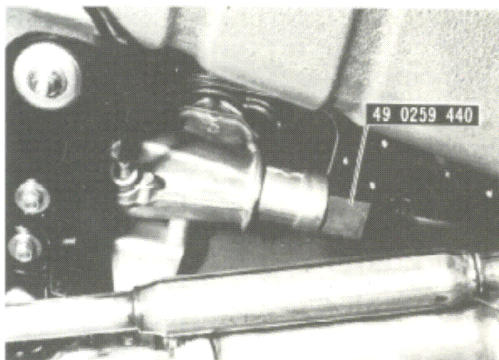
Raise the rear end of the vehicle and support it with stands.

Caution

Make sure to attempt to maintain the balance of the propeller shaft by marking the companion flange and rear axle companion flange for reinstallation, before removing the propeller shaft.



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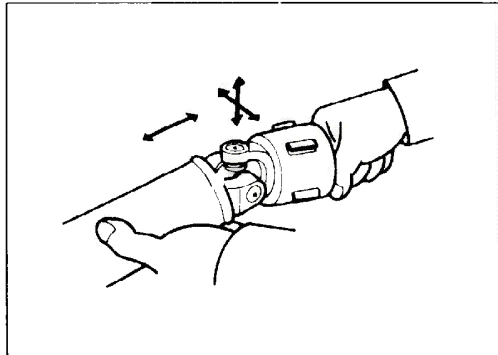


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Remove the following parts.

1. Attaching bolts and nuts
2. Propeller shaft assembly

After removing the propeller shaft, install the **main shaft turning holder** (49 0259 440) into the extension housing to prevent lubricant from leaking out of the housing.



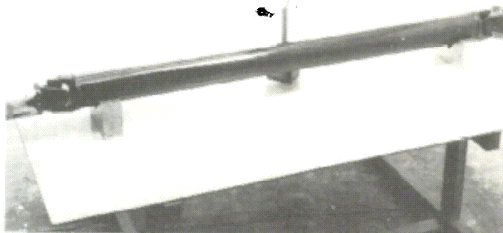
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INSPECTION

1. Inspect the propeller shaft for damage and rusty conditions.
2. Check the universal joint if there is looseness axially and rectangularly.
If there is looseness, replace the propeller shaft assembly with the new one.

3. Check the run-out of the propeller shaft.
If it exceeds limit, replace the propeller shaft.

Run out limit: 0.4 mm (0.016 in)



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