

EQUIPMENT

Caliper gauge	Measuring vane pump shaft and front housing oil clearance
Calipers	Measuring spring free length
Dial indicator	Measuring ball clearance Measuring thrust clearance
Feeler gauge	Measuring rotor groove and vane plate clearance
Micrometer	Measuring oil clearance Measuring vane plate
Oil pressure gauge	Measuring oil PS fluid pressure
Torque wrench	

LUBRICANT

Item	Capacity	Classification
Power steering fluid Total	0.8 liters (0.9 US qts, 0.7 Imp.qts)	ATF DEXRON II

TROUBLESHOOTING

Use the table below to help you find the cause of the problem. The numbers indicate the priority of the likely cause of the problem. Check each part in order. If necessary, repair or replace these parts.

See Page	SA-12 1	SA-4	SA-6	-	SA-56	-	-	SA-31	SA-8
Parts Name	Tires (Improperly inflated)	Front wheel alignment (Incorrect)	Fluid level (Low)	Steering system joints (Worn)	Suspension arm ball joints (Worn)	Steering column (Binding)	Sliding yoke (Worn)	Power Steering Gear	Front wheel bearing (Worn)
Trouble									
Hard steering	1	4	2	5	6	7		8	
Poor return	1	2				3		4	
Excessive play				1	2		3	5	4
Abnormal noise			1	2				3	