

SUSPENSION SYSTEM

PROBLEM SYMPTOMS TABLE

HINT:

Use the table below to help you find the cause of the problem. The numbers indicate the ranked order of probability of each of the possible causes. Check each part in the order suggested. If necessary, replace these applicable parts.

Symptom	Suspected area	See page
Bottoming	1. Vehicle (Overloaded)	-
	2. Front coil spring (Weak) (2WD)	SP-15
	3. Front coil spring (Weak) (4WD and Pre-Runner)	SP-22
	4. Rear leaf spring	SP-54
	5. Front shock absorber (Worn) (2WD)	SP-16
	6. Front shock absorber (Worn) (4WD and Pre-Runner)	SP-22
	7. Rear shock absorber (Worn)	SP-60
Swaying/pitching	1. Tire (Worn or improperly inflated)	TW-1
	2. Front stabilizer bar (Bent or broken) (2WD)	SP-47
	3. Front stabilizer bar (Bent or broken) (4WD and Pre-Runner)	SP-50
	4. Rear stabilizer bar (Bent or broken) (Sport Suspension Package)	SP-63
	5. Front shock absorber (Worn) (2WD)	SP-16
	6. Front shock absorber (Worn) (4WD and Pre-Runner)	SP-22
	7. Rear shock absorber (Worn)	SP-60
Front wheel shimmy	1. Tire (Worn or improperly inflated)	TW-1
	2. Wheel (Out of balance)	TW-1
	3. Front shock absorber (Worn) (2WD)	SP-16
	4. Front shock absorber (Worn) (4WD and Pre-Runner)	SP-22
	5. Wheel alignment (Incorrect) (2WD)	SP-2
	6. Wheel alignment (Incorrect) (4WD and Pre-Runner)	SP-7
	7. Upper ball joint (Worn) (2WD)	SP-27
	8. Upper ball joint (Worn) (4WD and Pre-Runner)	SP-31
	9. Lower ball joint (Worn) (2WD)	SP-36
	10. Lower ball joint (Worn) (4WD and Pre-Runner)	SP-43
	11. Hub bearing (Worn)	AH-1
	12. Steering linkage (Loose or worn)	-
Rear wheel shimmy	1. Tire (Worn or improperly inflated)	TW-1
	2. Wheel (Out of balance)	TW-1
	3. Rear shock absorber (Worn)	SP-60
	4. Wheel alignment (Incorrect) (2WD)	SP-2
	5. Wheel alignment (Incorrect) (4WD and Pre-Runner)	SP-7
	6. Hub bearing (Worn)	AH-2
Abnormal tire wear	1. Tire (Worn or improperly inflated)	TW-1
	2. Wheel alignment (Incorrect) (2WD)	SP-2
	3. Wheel alignment (Incorrect) (4WD and Pre-Runner)	SP-7
	4. Front shock absorber (Worn) (2WD)	SP-16
	5. Front shock absorber (Worn) (4WD and Pre-Runner)	SP-22
	6. Rear shock absorber (Worn)	SP-60
	7. Suspension parts (Worn)	-