

## Specifications

Suspension	
Type	Coil springs controlled by telescopic dampers front and rear.
Front	Transverse location of axle by Panhard rod, and fore and aft location by two radius arms. stabilizer bar fitted as standard on 90 models with 265/75 tyres, 110 Japanese and 130 models.
Rear	Fore and aft movement inhibited by two tubular trailing links. Lateral location of axle by a centrally positioned 'A' frame, upperlink assembly, bolted at the apex to a ball joint mounting. Stabilizer bar fitted as standard on 90 models with 265/75, 110 models with self levelling unit, 110 Japanese, and 130 models.

### Road spring data

90 (2400 Kg)	Part number	Colour code
Front - Driver's side	NRC 9446	Blue/green
Front - Passenger side	NRC 9447	Blue/yellow
Rear - Driver's side	NRC 9448	Blue/red
Rear Passenger side	NRC 9449	Yellow/white
90 (2550 Kg)		
Front - Driver's side		Blue/green
Front - Passenger side	NRC 9446	Blue/yellow
Rear - Driver's side	NRC 9447	Green/yellow/red
Rear - Passenger side	NRC 9463	Green/yellow/white
110 (3050 Kg)		
Front - Both sides	NRC 8045	Yellow/yellow
Rear - Both sides	NRC 6904	Red/green
110 Levelled (2950 Kg)		
Front - Both sides	NRC 8045	Yellow/yellow
Rear - Both sides	NRC 7000	Green/white
110 (3400 Kg)		
Front - Both sides	NRC 8045	Yellow/yellow
Rear - Both sides	NRC 6904	Red/green
Rear helper springs - Both sides	RRC 3266	No colour code
110 Japanese specification (3295 Kg)		
Front - Driver's side	NRC 9448	Blue/red
Front - Passenger side	NRC 9449	Yellow/white
Rear - Driver's side	NRC 6389	Red/red
Rear - Passenger side	NRC 6904	Red/green
Front/rear helper springs - Both sides	RRC 3266	No colour code
110 (3600Kg)		
Front - Driver's side	NRC 9448	Blue/red
Front - Passenger side	NRC 9449	Yellow/white
Rear - Both sides	NRC6904	Red/green

Rear helper springs - Both sides	RRC 3266	No colour code
130 (3500Kg)		
Front - Driver's side	NRC 9448	Blue/red
Front - Passenger side	NRC 9449	Yellow/white
Rear - Driver's side	NRC 6389	Red/red
Rear - Passenger side	NRC 6904	Red/green
Front/rear helper springs - Both sides	RRC3266	No colour code

Shock absorbers	
Type	Telescopic, double-acting non adjustable.
Bore diameter	35.47mm

#### Torque values - Stabilizer bar

	Nm	
Strap nyloc nuts	30	
Ball link self lock nuts	68	
Castellated nut	40	

#### Torque values - front suspension

	Nm	
Drag link to axle	40	
Securing ring for mounting turret	14	
Radius arm to chassis	176	
Panhard rod mounting arm to chassis	88	
Panhard rod to axle	88	
Panhard rod to mounting bracket	88	
Radius arm to axle	197	

#### Torque values - Rear suspension

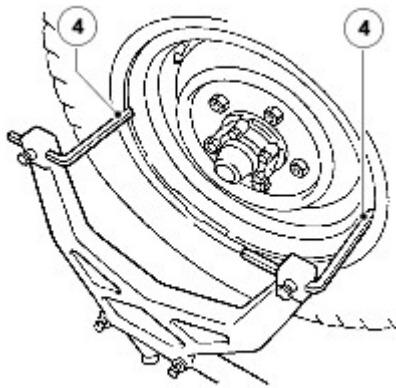
	Nm	
Top link to mounting bracket	176	
Bottom link to axle	176	
Bottom link to chassis	176	
Top link bracket to rear cross member - Hardness indicator 8.8 on head of bolt	47	
Top link bracket to rear cross member - Hardness indicator 10.9 on head of bolt	70	
Shock absorber to axle	37	

## Front Toe Adjustment (57.65.01 or 57.65.14)

### NOTE:

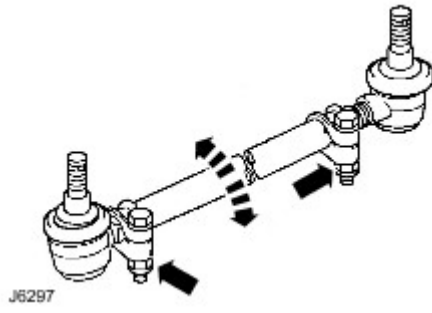
Recognised front wheel alignment and tracking equipment should be used for this operation. Only the use of basic equipment is described below. No adjustment is provided for castor, camber or swivel pin inclinations.

1. Set vehicle on level ground with road wheels positioned straight ahead.
2. Push vehicle back and forwards to settle linkage.
3. Set up the equipment to manufacturers instructions and check alignment as advised by equipment supplier.
4. Position trammel probes on inner face of wheel, not the rims, if the latter are damaged.



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5. Measure toe-out at horizontal centre-line of wheels.
6. Check tightness of clamp bolt fixings. Tighten to 14 Nm (10lbf/ft).
7. Slacken clamps at both ends of track rod.
8. Rotate track rod to increase or decrease its effective length until correct toe-out is obtained.
9. Push vehicle rearwards turning steering wheel from side to side to settle ball joints. With road wheels set in straight ahead position, push vehicle forward a short distance.
10. Recheck track and adjust if necessary.
11. When alignment is correct, tap ball joints in direction of arrows to maximum of travel, to ensure full unrestricted movement of track rod.



12. Tighten clamp bolts to 14 Nm (10 lbf/ft).