

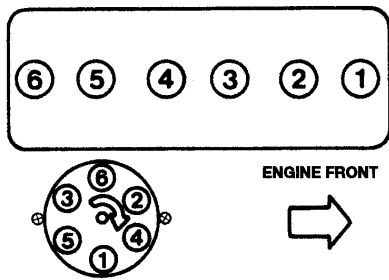
**Recommended lubricants and fluids (continued)**

Automatic transmission fluid type	
1993 .....	Mercon/Dexron III automatic transmission fluid or equivalent
1994 and later .....	Mopar Plus 3 Type 7176 ATF or equivalent
Manual transmission lubricant type .....	SAE 75W-90 API GL-5 gear lubricant
Transfer case lubricant type .....	Dexron III/Mercon automatic transmission fluid
Differential lubricant type	
Normal operation	
Front axle .....	SAE 75W-90 API GL-5 gear lubricant
Rear axle .....	SAE 90W API GL-5 gear lubricant
Trailer towing package rear axle .....	SAE 75W-140 synthetic gear lubricant
Limited slip differential .....	Add MOPAR Friction Modifier
Brake fluid type .....	DOT 3 brake fluid
Power steering fluid .....	Mopar power steering fluid or equivalent
Manual steering gear lubricant type .....	SAE 90 API GL-5 hypoid gear lubricant
Chassis grease type .....	NLGI no. 2 EP chassis grease

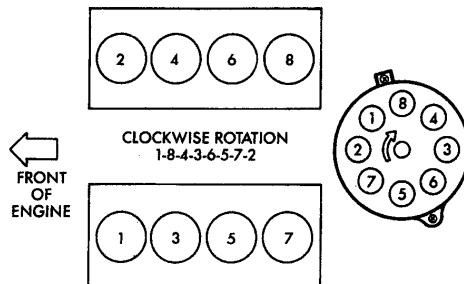
**Capacities\***

Engine oil (with filter change)	
Six-cylinder engine .....	6 qts
V8 engines	
5.2L/5.9L .....	5 qts
4.7L .....	6 qts
Cooling system	
Six-cylinder engine	
1993 through 1999 .....	12.7 qts
2000 .....	11.7 qts
V8 engine	
1993 through 1998 .....	12.6 qts
1999 .....	12.2 qts
2000 .....	11.7 qts
Automatic transmission (drain and refill) .....	Capacities vary - see Section 26 for procedure
Manual transmission .....	3.2 qts
Transfer case	
NP 231 (Command-Trac) .....	2.5 pts
NP 242/NV 242 (Selec-Trac) .....	2.9 pts
NP 249/NV 249 (Quadra-Trac) .....	2.5 pts
NV 247 .....	2.5 pts
Differential	
Front	
Model 30 .....	3.1 pts
Model 181 .....	2.5 pts
Model 186 .....	2.5 pts
Rear	
Model 35 .....	3.1 pts
Model 194 .....	3.5 pts
Model 216 .....	4.7 pts
Model 198 .....	3.5 pts
Model 226 .....	4.7 pts

\* All capacities approximate. Add as necessary to bring to appropriate level.



Cylinder location and distributor rotation diagram - six cylinder engine (1999 and later models have no distributor)



Cylinder location and distributor rotation diagram - V8 engines (1999 and later models have no distributor)

## Ignition system

### Spark plug type and gap

Six-cylinder engine	
1993 through 1998.....	Champion RC12LYC or equivalent @ 0.035 inch
1999 and later.....	Champion RC12ECC or equivalent @ 0.035 inch
4.7L V8 engine (1999 and later).....	Champion RC12MCC4 or equivalent @ 0.040 inch
5.2L V8 engine	
1993 through 1996.....	Champion RC12YC or equivalent @ 0.035 inch
1997.....	Champion RC12LC4 or equivalent @ 0.035 inch
1998.....	Champion RC12LC4 or equivalent @ 0.040 inch
5.9L V8 engine	
1997.....	Champion RC12YC or equivalent @ 0.035 inch
1998.....	Champion RC12LC4 or equivalent @ 0.040 inch
Firing order	
Six-cylinder engine.....	1-5-3-6-2-4
V8 engines.....	1-8-4-3-6-5-7-2

## General

Disc brake pad lining thickness (minimum).....	1/8-inch
Drum brake shoe lining thickness (minimum)	
Bonded shoes.....	1/16-inch
Riveted shoes (thickness above rivets).....	1/32-inch
Drivebelt tension	
Six-cylinder engine	
1993 through 1998 (measured with special tool)	
New belt.....	180 to 200 lbs
Used belt.....	140 to 160 lbs
1999 and later.....	Self-adjusting
V8 engines.....	Self-adjusting

## Automatic transmission band adjustment

### 1994 and later\*

Front band	
42RE.....	Tighten to 72 in-lbs, back-off 3-5/8 turns
42RH.....	Tighten to 72 in-lbs, back-off 2-1/2 turns
44RE.....	Tighten to 72 in-lbs, back-off 2-1/4 turns
46RH.....	Tighten to 72 in-lbs, back-off 2-1/2 turns
46RE.....	Tighten to 72 in-lbs, back off 2-7/8 turns
Rear band	
42RE and 44RE.....	Tighten to 72 in-lbs, back-off 4 turns
42RH.....	Tighten to 72 in-lbs, back-off 4 turns
44RE.....	Tighten to 72 in-lbs, back-off 4 turns
46RH and 46RE.....	Tighten to 72 in-lbs, back-off 2 turns

\*Except 1999 and later 45RFE, which does not have band adjustments

## Torque specifications

	Ft-lbs (unless otherwise indicated)
Front band adjusting screw locknut.....	30
Rear band adjusting screw locknut.....	25
Automatic transmission pan bolts.....	144 in-lbs
Differential cover bolts.....	35
Transfer case fill/drain plug.....	30 to 40
Spark plugs.....	25 to 30
Engine oil drain plug.....	20
Oxygen sensor.....	20
Wheel lug nuts.....	80 to 110