

TRANSMISSION SERVICING - M/T

1990 Nissan 240SX

1990 Manual Transmission Servicing

Axxess, Maxima, Pathfinder, Pickup,
Pulsar NX, Sentra, Stanza, 240SX, 300ZX

IDENTIFICATION

MANUAL TRANSMISSION APPLICATIONS

Model	Transmission
Axxess & Maxima	5-Speed RS5F50A
Pathfinder & Pickup (3.0L)	5-Speed FS5R30A
Pickup (2.4L)	5-Speed FS5W71C
Pulsar NX	5-Speed RS5F31A
Sentra	
Sedan	4-Speed RN4F31A
Coupe & 4WD	5-Speed RS5F31A
Stanza	5-Speed RS5F50A
	5-Speed RS5F50V
240SX	5-Speed FS5W71C
300ZX	5-Speed FS5R30A

LUBRICATION SERVICE INTERVALS

Inspect fluid level every 15,000 miles or 12 months. If under severe usage, change every 30,000 miles or 24 months.

CHECKING FLUID LEVEL

TRANSMISSION & TRANSAXLE

Fill plug is located on side of transmission or transaxle case. Lubricant level should be to bottom of fill hole. Add fluid if necessary.

TRANSFER CASE

Fill plug is located on side of transfer case. Lubricant level should be to bottom of fill hole. Add fluid if necessary.

RECOMMENDED FLUID

Use Hypoid SAE 75W-90 (API GL-4) gear oil for all transmissions, transaxles and transfer cases.

NOTE: Pathfinder and Pickup transfer cases come with Dexron-II ATF fluid from factory. It can be replaced with Hypoid SAE 75W-90 (API GL-4) gear oil. DO NOT mix Dexron-II and gear oil.

FLUID CAPACITY TABLE

TRANSMISSION REFILL CAPACITIES

Transmission	Pts.	(L)
Axxess, Maxima & Stanza	10	(4.7)
Pathfinder & Pickup (3.0L)		
2WD	5.1	(2.4)
4WD	7.6	(3.6)
Pickup (2.4L)		
2WD	4.3	(2.0)
4WD	8.5	(4.0)
Pulsar NX	8.2	(3.9)
Sentra		
Sedan)	5.8	(2.7)
Coupe & 4WD	5.9	(2.8)
240SX	5.1	(2.4)
300ZX	5.9	(2.8)

TRANSFER CASE REFILL CAPACITIES

Application	Pts.	(L)
Axxess	3.8	(1.6)
Pathfinder & Pickup	4.6	(2.2)
Sentra	2.3	(1.1)

LINKAGE ADJUST

NOTE: All models have floor shift mechanisms without external linkage and require no adjustment.