STEERING SYSTEM

SECTION ST

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CONTENTS

PRECAUTIONS AND PREPARATION	2
Precautions	. 2
Special Service Tools	2
Commercial Service Tools	3
ON-VEHICLE SERVICE	5
Checking Steering Wheel Play	5
Checking Neutral Position on Steering Wheel	5
Front Wheel Turning Angle	5
Checking Gear Housing Movement	6
Adjusting Rack Retainer	6
Checking and Adjusting Drive Belts (For	
power steering)	6
Checking Fluid Level	6
Checking Fluid Leakage	. 6
Bleeding Hydraulic System	7
Checking Steering Wheel Turning Force	
(For power steering)	7
Checking Hydraulic System	8
STEERING WHEEL AND STEERING COLUMN	9
Removal and Installation	. 9

Disassembly and Assembly	12	
Inspection	13	1. j. L.
POWER STEERING GEAR AND LINKAGE (Model		
PR24AC)	14	- Chi
Removal and Installation.	. 14	
Disassembly and Assembly	. 16	
Disassembly	17	1
Inspection		
Assembly	18	ŗ,
Adjustment	22	
POWER STEERING OIL PUMP	24	
Disassembly and Assembly	. 24	- ;;
Pre-disassembly Inspection	24	
Disassembly	. 25	
Inspection	25	
Assembly	26	
SERVICE DATA AND SPECIFICATIONS (SDS)	27	12 52
General Specifications	. 27	
	27	
•		ST

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Precautions

SUPPLEMENTAL RESTRAINT SYSTEM (SRS) "AIR BAG" AND "SEAT BELT PRE-TENSIONER"

The Supplemental Restraint System "Air Bag" and "Seat belt pre-tensioner", used along with a seat belt, help to reduce the risk or severity of injury to the driver and front passenger in a frontal collision. The Supplemental Restraint System consists of air bag modules (located in the center of the steering wheel and on the instrument panel on the passenger side), seat belt pre-tensioner, a diagnosis sensor unit, warning lamp, wiring harness and spiral cable. Information necessary to service the system safely is included in the **RS section** of this Service Manual.

WARNING:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system.
- All SRS electrical wiring harnesses and connectors are covered with yellow outer insulation. Do r use electrical test equipment on any circuit related to the SRS.

STEERING SYSTEM

- Before disassembly, thoroughly clean the outside of the unit.
- Disassembly should be done in a clean work area. It is important to prevent the internal parts from becoming contaminated by dirt or other foreign matter.
- Place disassembled parts in order, on a parts rack, for easier and proper assembly.
- Use nylon cloths or paper towels to clean the parts; common shop rags can leave lint that might interfere with their operation.
- Before inspection or reassembly, carefully clean all parts with a general purpose, non-flammable solvent.
- Before assembly, apply a coat of recommended ATF* to hydraulic parts. Vaseline may be applied to O-rings and seals. Do not use any grease.
- Replace all gaskets, seals and O-rings. Avoid damaging O-rings, seals and gaskets during installation. Perform functional tests whenever designated.
- *: Automatic transmission fluid

Tool number Tool name	Description	
KV48100700 Torque adapter	NT 163	Measuring pinion rotating torque
ST27180001 Steering wheel puller	29 mm (1 14 in) B M10 x 1.25 pitch M8 x 1.25 pitch	Removing and installing steering wheel

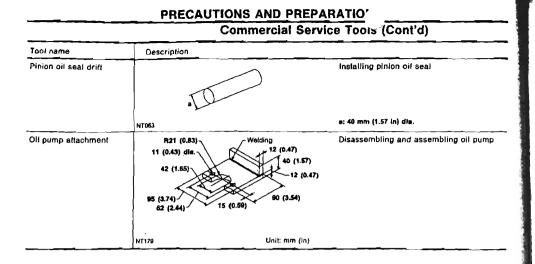
Special Service Tools

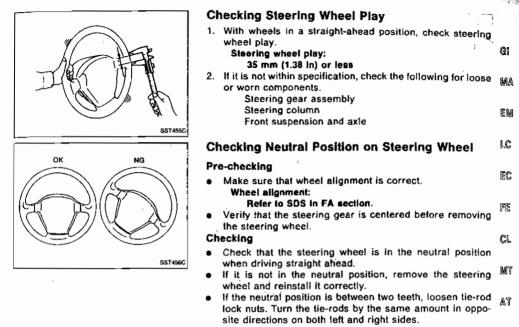
PRECAUTIONS AND PREPARATION

Special Service Tools (Cont'd)

Tool number Tool name	Description		
HT72520000 Ball joint remover		Removing ball joint	
	NT546	a: 33 mm (1.30 in) b: 50 mm (1.97 in) r: R11.5 mm (0.453 in)	
ST27091000 Pressure gauge	(ma	Measuring oil pressure 3/8" ale)	
KV48102500	NT547 Shui-off valve	Measuring oil pressure	
Pressure gauge adapter	PF3/8"		
	PF3/8" M16 x 1 5 pitch	1.5 pitch	
ST31275000 (1) GG91C30000 Torque wrench		Measuring turning torque	
 (2) HT62940000 Socket adapter (3) HT62900000 Socket adapter 	(1) $1/4''$ Torque with range (2) $1/4''$ to $3/8''$ 2.9 N-m (3) $-\frac{1}{2}$ $3/8''$ to $1/2''$ (30 kg-cn (30 kg-cn (30 kg-cn))	e of	
	NT541		
KV48104400 Rack seal ring reformer	C C C C C C C C C C C C C C C C C C C	Reforming tellon ring	
	a Fine finishing	a: 50 mm (1.97 in) dla. b: 36 mm (1.42 in) dia. c: 100 mm (3.94 in)	

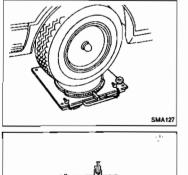
Tool name	Description		
Rear oil seal drift	a	Installing rear oil seal	`۱ ر:
	NT063	a: 28 mm (1.10 in) dia.	

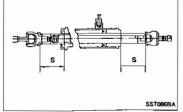




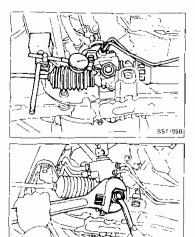
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Fr	ont Wheel Turning Angle	
•	Rotate steering wheel all the way right and left; measure turning angle.	R
	Turning angle of full turns: Refer to SDS in FA section.	ST
		RS
	e e e e e e e e e e e e e e e e e e e	81
•	If it is not within specification, check rack stroke. Measured length "S": Refer to SDS (ST-27).	MA
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Checking Gear Housing Movement

- 1 Check the movement of steering gear housing during stationary steering on a dry paved surface
- Apply a force of 49 N (5 kg, 11 lb) to steering wheel to check the gear housing movement.
 Turn off ignition key while checking

Movement of gear housing:

± 2 mm (± 0.08 in) or less

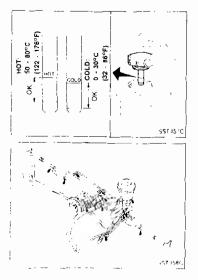
2. If movement exceeds the limit, replace mount insulator after confirming proper installation of gear housing clamps.

Adjusting Rack Retainer

- · Perform this driving test on a flat road
- 1. Check whether vehicle moves in a straight line when steering wheel is released
- Check whether steering wheel returns to neutral position when steering wheel is released from a slightly turned (approx 20°) position
- If any abnormality is found, correct it by resetting adjusting screw.

Checking and Adjusting Drive Belts (For power steering)

Refer to Drive Belt Inspection in MA section.



Checking Fluid Level

Check fluid level with dipstick on reservoir cap Use "HOT" range for fluid temperatures of 50 to 80°C (122 to 176°F).

Use ''COLD'' range for fluid temperatures of 0 to 30°C (32 to $86^\circ\text{F})$

CAUTION:

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- Do not overfill.
- Recommended fluid is Automatic Transmission Fluid "DEXRONTM" type or equivalent.

Checking Fluid Leakage

Check the lines for improper attachment and for leaks, cracks, damage, loose connections, chafing or deterioration

1. Bun engine at idle speed or 1,000 rpm.

Make sure temperature of fluid in oil tank rises to 60 to 80°C (140 to 176° F).

- 2 Turn steering wheel right-to-left several times
- Hold steering wheel at each "lock" position for five seconds and carefully check for fluid leakage

Checking Fluid Leakage (Cont'd) CAUTION:

Do not hold the steering wheel in a locked position for more than 15 seconds.

4. If fluid leakage at connectors is noticed, loosen flare nut and then relighten

Do not overtighten connector as this can damage O-ring. washer and connector.

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Bleeding Hydraulic System

- 1. Raise front end of vehicle until wheels clear ground
- 2. Add fluid into oil tank to specified level. Then, quickly turn steering wheel fully to right and left and lightly touch steering stoppers.

Repeat steering wheel operation until fluid level no longer decreases.

- 3 Start engine Repeat step 2 above
- Incomplete air bleeding will cause the following to occur. When this happens, bleed air again.
- a Air bubbles in reservoir tank
- b. Clicking noise in oil pump
- c Excessive buzzing in oil pump

1. Fluid noise may occur in the valve or oil pump. This is common when the vehicle is stationary or while turning the steering wheel slowly. This does not affect the performance or ÷ durability of the system

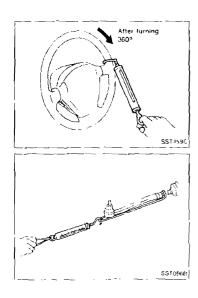
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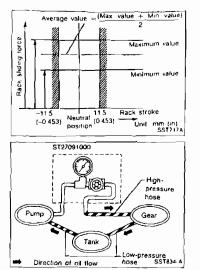


Checking Steering Wheel Turning Force (For power steering) Park vehicle on a level, dry surface and set parking brake. 1 2 Start engine. 3 Bring power steering fluid up to adequate operating temperature. [Make sure temperature of fluid is approximately 60 to 80°C [140 to 176°F] Tires need to be inflated to normal pressure. Check steering wheel turning force when steering wheel has been turned 360° from the neutral position.

Steering wheel turning lorce:

39 N (4 kg, 9 (b) or less

- 5. If steering wheel turning force is out of specification, check rack sliding force
- Disconnect steering column lower joint and knuckle arms а ς'ι from the gear.
- Start and run engine at idle to make sure steering fluid has b reached normal operating temperature
- Pull tie-rod slowly to move it from neutral position to ± 11.5 H : ¢ mm (+0.453 in) at speed of 3.5 mm (0.138 in)/s. Check that rack sliding force is within specification



ON-VEHICLE SERVICE

Checking Steering Wheel Turning Force (For power steering) (Cont'd)

Average rack sliding force: 186 - 245 N (19 - 25 kg, 42 - 55 lb) Maximum force deviation: 98 N (10 kg, 22 lb)

 If rack sliding force is not within specification, overhaut steering gear assembly

Checking Hydraulic System

Before starting, check belt tension, driving pulley and tire pressure.

- Set Tool. Open shut-off valve. Then bleed air. (See "Bleeding Hydraulic System", ST-7.)
- 2. Run engine.

Make sure temperature of fluid in tank rises to 60 to 80°C (140 to 176°F).

WARNING:

Warm up engine with shut-off valve fully opened. If engine is started with shut-off valve closed, fluid pressure in oll pump increases to maximum. This will raise oil temperature abnormally.

3. Check pressure with steering wheel fully turned to left and right positions with engine idling at 1,000 rpm.

CAUTION:

Do not hold the steering wheel in a locked position for more than 15 seconds.

Oil pump maximum pressure:

8,630 - 9,219 kPa (86.3 - 92.2 bar, 88 - 94 kg/cm², 1,251 - 1,337 psi)

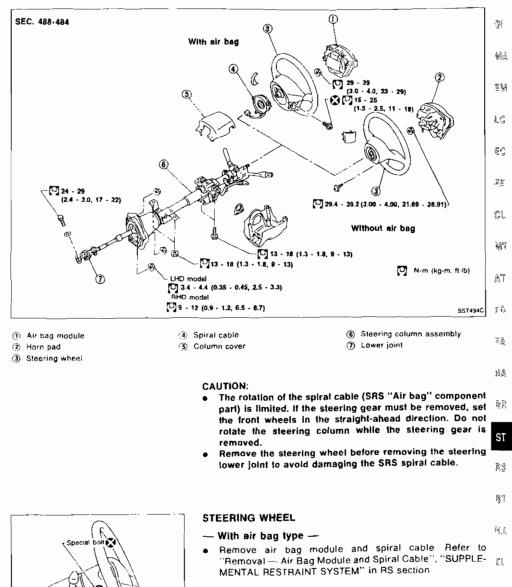
- 4. If oil pressure is below the standard pressure, slowly close shut-off valve and check pressure
- When pressure reaches standard pressure, gear is damaged.
- When pressure remains below standard pressure, pump is damaged.

CAUTION:

Do not close shut-off valve for more than 15 seconds.

- 5. If oil pressure is higher than standard pressure, check oil pump flow control valve.
- After checking hydraulic system, remove Tool and add fluid as necessary. Then completely bleed air out of system

Removal and Installation



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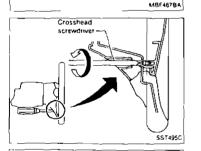
Removal and Installation (Cont'd)

- Align spiral cable correctly when installing steering wheel,
- a Set the front wheels in the straight-ahead position.
- b. Make sure that the spiral cable is in the neutral position. The neutral position is detected by turning left 2.5 revolutions from the right end position. Align the two marks $\{\overline{\chi}\}$

CAUTION:

The spiral cable may snap due to steering operation if the cable is installed in an improper position.

Also, with the steering linkage disconnected, the cable may snap by turning the steering wheel beyond the limited number of turns. (The spiral cable can be turned up to 2.5 turns from the neutral position to both the right and left.)

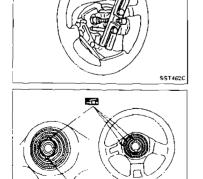


Airanment mark

— Without air bag type —

 Remove horn pad. Insert a crosshead screwdriver into hole on lower side of spoke and remove screw Lift horn pad off by hand

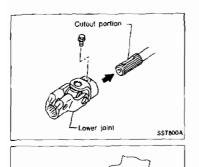
Remove steering wheel with Tool



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 When installing steering wheel, lubricate with multi-purpose grease. Apply grease to entire surface of turn signal cancel pins and hurn contact slip rings.

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Projection

Sieering gear

Removal and Installation (Cont'd) STEERING COLUMN

- When installing steering column, fingertighten all lower • bracket and clamp retaining bolls, then tighten them securely. Do not apply undue stress to steering column
- When attaching coupling joint, be sure tightening bolt faces cutout portion.

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LL. Align slit of lower joint with projection on dust cover. Insert joint until it stops.

CAUTION:

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ŝŕ. After installation, turn steering wheel to make sure it moves smoothly. Ensure the number of turns are the same from the straight forward position to left and right locks. Be sure that the steering wheel is in a neutral position when driving straight ahead.

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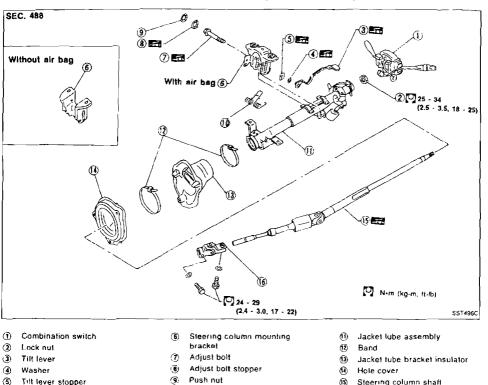
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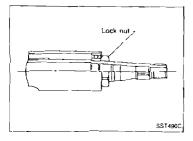
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Disassembly and Assembly



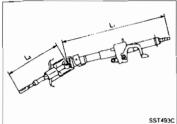
- ŤĎ; Tilt spring (Air bag model)
- (**f**S) Steering column shaft
- (16) Lower joint



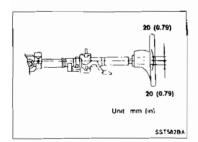
- When disassembling and assembling, unlock steering lock with key
- Install lock nut on steering column shaft and tighten the nut to specification

🖸: 25 - 34 N·m (2.5 - 3.5 kg-m, 18 - 25 ft-lb)

C Self-shear screw SST742



W	TEEL AND STEERING COLUMN	
	Disassembly and Assembly (Cont'd)	
	 Steering lock Break self-shear type screws with a drill or other appropriate tool. 	
	b. Install new self-shear type screws and then cut off self- shear type screw heads.	111
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		E)
	Inspection	Ļ¢
	• When steering wheel does not turn smoothly, check the steering column as follows and replace damaged parts.	ΞÇ
	 Check column bearings for damage or unevenness. Lubri- cate with recommended multi-purpose grease or replace steering column as an assembly, if necessary. 	5 Do
	b. Check steering column lower shaft for deformation or breakage. Replace if necessary.	ŗ.
	 When the vehicle comes into a light collision, check length "L₁" and "L₂". Steering column length "L₁": 	-
	LHD model 630.7 mm (24.83 in) RHD model 610.0 mm (24.02 in)	M.
	Steering column lower shaft length "L₂": LHD model 323.7 mm (12.74 in)	βŢ
	RHD model 341.0 mm (13.43 in) If out of the specifications, replace steering column as an assembly	50
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Tilt mechanism

After installing steering column, check tilt mechanism opera-89 tion.

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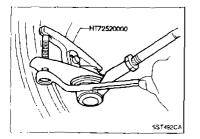
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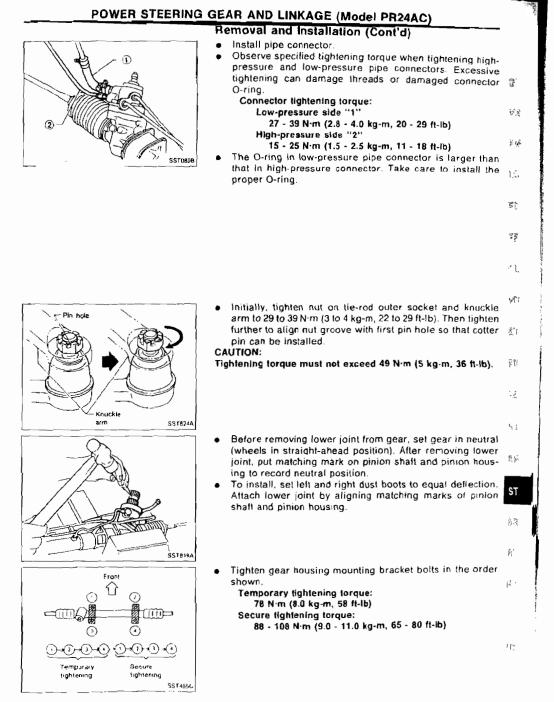
SEC. 483-492 Rack mounting insulator C 24 - 29 (24 - 30, 17 - 22) Vehicle front Vehicle front Gear and linkage assembly Gear and linkage assembly D 29 - 49 (3.0 - 5.0, 22 - 36) C 20 - 40 (3.0 - 5.0, 20 (3

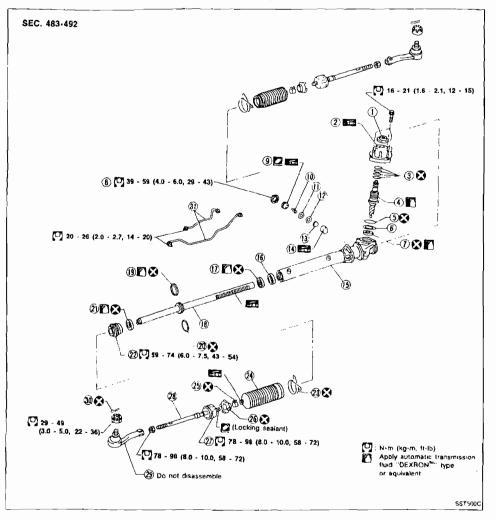
Removal and Installation

CAUTION:

- The rotation of the spiral cable (SRS "Air bag" component part) is limited. If the steering gear must be removed, set the front wheels in the straight-ahead direction. Do not rotate the steering column while the steering gear is removed.
- Remove the steering wheel before removing the steering lower joint to avoid damaging the SRS spiral cable.
- Detach tie-rod outer sockets from knuckle arms with Tool.







Disassembly and Assembly

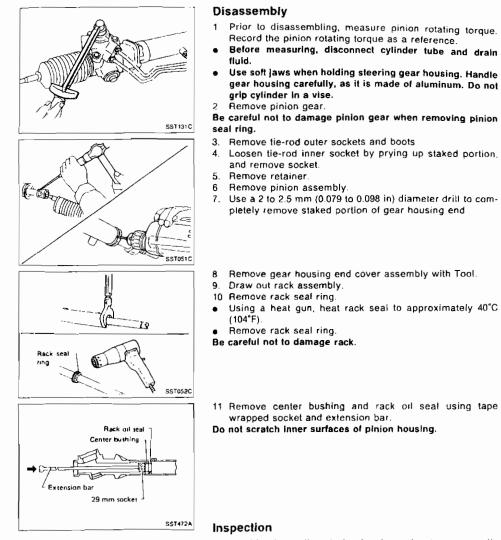
- $(\mathbf{\hat{1}})$ Rear housing cover
- Rear housing assembly 2
- 3 Pinion seal ring
- Pinion assembly (4)
- O-ring (3)
- (6) Shim
- (D) Pinion oil seal
- Lock nul ĺ₿) Adjusting screw
- 19) ſΪĎ) Spring
- 11) Spring disc

- (ÍŻ) Washer
- (1) Spring seal
- 64) Retainer
- n5; Gear housing assembly
- (ā b) Center bushing
- 67) Rack oil seaf
- 61 **Aack assembly**
- ήÌ) Rack seal ring
- 20 O-ring
- 27) Rack oil seaf

- 22) End cover assembly
- **(3**) Boot clamp
- ŹĄ) Dust boot
- (25) Boot band
- 27) Tie-rod inner socket
- (Ø) Tie-rod
- 29) Tie-rod outer socket
- 30) Cotter pin
- A) Gear housing tube

ST-16

- **26**) Lock plate



Thoroughly clean all parts in cleaning solvent or automatic transmission fluid "DEXRONTM" type or equivalent. Blow dry {* with compressed air, if available.

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BOOT

Check condition of boot. If cracked excessively, replace it

RACK

Thoroughly examine rack gear. If damaged, cracked or worn, replace it

ST-17

Inspection (Cont'd) PINION ASSEMBLY

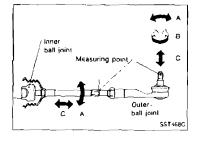
- Thoroughly examine pinion gear. If pinion gear is damaged, cracked or worn, replace it.
- Check that all bearings roll freely Ensure that balls, rollers and races are not cracked, pitted or worn. Replace it necessary.

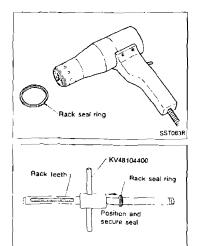
GEAR HOUSING CYLINDER

Check gear housing cylinder bore for scratches or other damage. Replace if necessary.

TIE-ROD OUTER AND INNER SOCKETS

- Check ball joints for swinging force.
 Tie-rod outer and inner ball joints swinging force "A": Refer to SDS (ST-27).
- Check ball joint for rotating torque.
 Tle-rod outer ball joint rotating torque "B": Refer to SDS (ST-27).
- Check ball joints for axial end play.
 Tle-rod outer and inner ball joints axial end play "C": Refer to SDS (ST-27).
- Check condition of dust cover. If cracked excessively, replace outer tie-rod





Assembly

 Using a heat gun, heat new teflon rack seal ring to approximately 40°C (104°F). Then place it onto rack.

2. Using Tool, compress rack seal ring securely onto rack Always insert the tool from the rack gear side.

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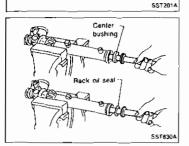


- Make sure lips of rack oil seal face each other.
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- 문 네
- Install center bushing and rack oil seal with rack assem-1, [4. bly
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- ŵ] (5. Insert rack oil seal and end cover assembly to rack. Then tighten end cover assembly.
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- 6. Fasten cylinder end cover assembly to gear housing by staking. $\mathcal{B}_{\mathcal{D}}$

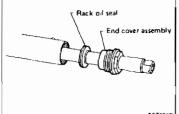
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- 7. Set rack gear in the neutral position. Measured length "S": Refer to SDS (ST-27).
- 7.9

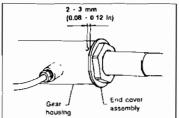
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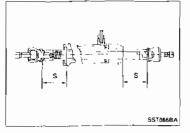


Rack oil sea









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Assembly (Cont'd)

- Suitable tool Oil seal SST381A Gear housing Shim ick assembly SST074B SST085B Gear housing Rack assembly Needle bearing SST075B
 - Coat seal lip of new pinion oil seal with multi-purpose grease. Install it into pinion housing of gear with a suitable tool.
 - Make sure lip of oil seal faces up when installed.

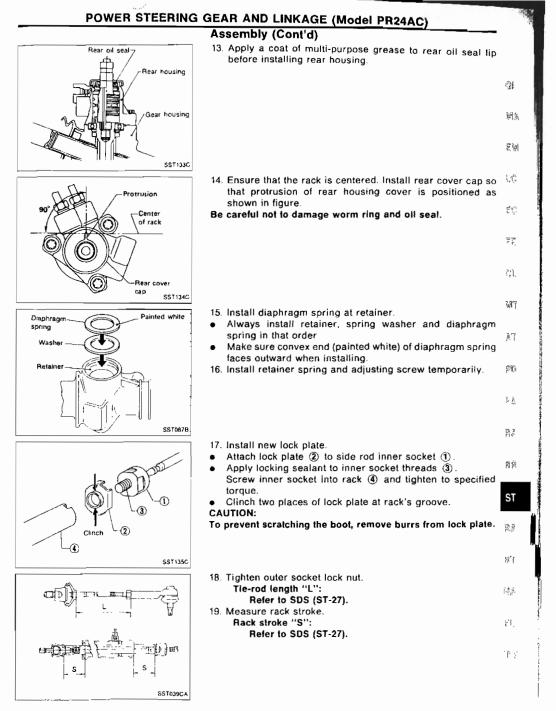
9. Install pinion bearing adjusting shim(s).

Whenever pinion assembly, gear housing and rear housing are disassembled, replace shim(s) with new ones. Always use the same number of shim(s) when replacing.

- 10. Install new pinion seal ring (made of Teflon) on pinion gear assembly.
- Using a heat gun, heat pinion seal ring to approximately 40°C (104°F) before installing it onto pinion gear assembly.
- Make sure pinion seal ring is properly settled in valve groove.
- 11. Apply a coat of multi-purpose grease to needle bearing roller and oil seal lip.

12. Install pinion assembly to rear housing **Be careful not to damage pinion oil seal**.

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SST967A

98 N (10 kg, 22 lb)

Right turn

98 N (10 kg, 22 lb)

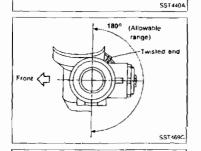
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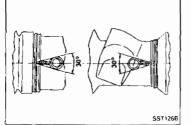
Assembly (Cont'd)

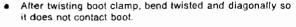
20. Before installing boot, coat the contact surfaces between boot and tle-rod with grease

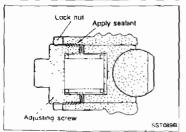
21. Install boot clamps.

- To install, wrap boot clamp around boot groove twice. To tighten clamp, place a screwdriver through both rings. Twist rings 4 to 4-1/2 turns while pulling with a force of approx. 98 N (10 kg, 22 lb).
- Twist boot clamp in the direction shown in figure at left.
- Place twisted ends of boot clamp in the range shown (This will prevent interference with other parts.)









Adjustment

Adjust pinion rotating torque as follows:

- 1. Set gears to Neutral without fluid in the gear
- Coat the adjusting screw with locking sealant and screw it in.
- 3 Lightly tighten lock nut
- Tighten adjusting screw to a torque of 4.9 to 5.9 N·m (50 to 60 kg-cm, 43 to 52 in-lb)
- Loosen adjusting screw, then retighten it to 0.2 N m (2 kg-cm, 1.7 in-lb).
- 6 Move rack over its entire stroke several times

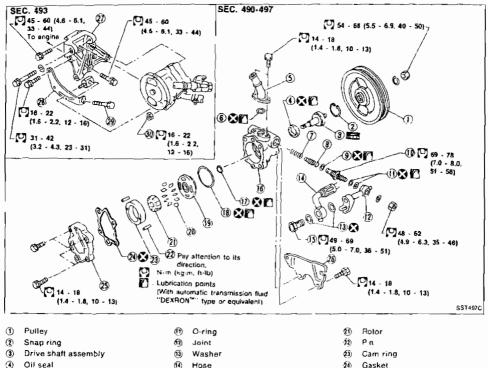
POWER STEERING	GEAR AND LINKAGE (Model PR24AC)	
	Adjustment (Cont'd)	
KV48100700	7. Measure pinion rotating torque within the range of 180°	
Out the SI	from neutral position.	
	 Stop the gear at the point of maximum torque. 8. Loosen adjusting screw, then retighten it to 4.9 N·m (50 kg-cm, 43 in-lb). 9. Loosen adjusting screw by 70° to 110°. 	6
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(41)	 Prevent adjusting screw from turning, and tighten lock nut to specified torque. 	Ļ:
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Tes all the second		C,
\$\$T557A		у.
	11. Check rack sliding force on vehicle as follows:	201
	a. Install steering gear onto vehicle, but do not connect tie-	
The	rod to knuckle arm. b. Connect all piping and fill with steering fluid.	È
	c. Start engine and bleed air completely.	
	d. Disconnect steering column lower joint from the gear.	P
the literation of the second s	e. Keep engine at idle and make sure steering fluid has	
	reached normal operating temperature.	Ŧ
A MARTINE A	 f. Pull tie-rod slowly to move it from neutral position to ± 11.5 mm (±0.453 in) at speed of 3.5 mm (0.138 in)/s. Check that 	2.
\$\$T090B	rack sliding force is within specification.	R
	Average rack sliding force:	
	186 - 245 N (19 - 25 kg, 42 - 55 lb) Maximum force deviation:	_
	98 N (10 kg, 22 lb)	EL)
	g. Check sliding force outside above range at rack speed of	
	40 mm (1.57 in)/s.	S
	Maximum rack sliding force:	Ľ
	294 N (30 kg, 66 lb)	
	Maximum force deviation: 147 N (15 kg, 33 lb)	DI L
	 If rack sliding force is not within specification, readjust by 	
	repeating adjustment procedure from the beginning.	a)
	 If rack sliding force is still out of specification after 	
	readjustment, gear assembly needs to be replaced.	K

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POWER STEERING OIL PUMP

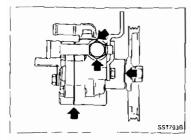
Disassembly and Assembly



- 3 Suction pipe
- (6) O-ring
- (7) Spring
- Flow control va ve (8)
- **(**) D-ring
- (10) Connector bolt

- (15) Eye boll
- (16) Casing
- (17) O-ring
- 1 O-ring
- (19) Front side plate
- 20) Vane

- **2**4) Gasket
- **(**25) Rear cover
- 26) Front bracket
- 27) Power steering pump bracket
- Adjusting bar 28
- 29) Adjusting bolt
- 30) Adjusting bolt lock nut



Pre-disassembly Inspection

Disassemble the power steering oil pump only if the following items are found.

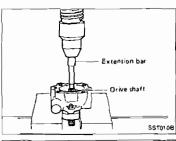
- Oil leak from any point shown in the figure.
- Deformed or damaged pulley
- Poor performance.

POWER STEERING OIL PUMP

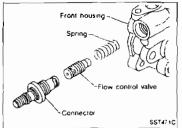
Disassembly CAUTION: · Parts which can be disassembled are strictly limited. GE Never disassemble parts other than those specified, Disassemble in as clean a place as possible. Clean your hands before disassembly. Ma Do not use rags; use nylon cloths or paper lowels. Follow the procedures and cautions in the Service Manual. When disassembling and reassembling, do not let foreign 医测 matter enter or contact the parts. 1.6 Remove snap ring, then draw pulley shaft out. • Be careful not to drop pulley shaft. FĈ 22 51 97 T Remove oil seal. Be careful not to damage front housing. 11 ŝñ ΞÀ SST014A P.à Remove connector. . Be careful not to drop flow control valve. 30 ST 123 1'8 Inspection

> 15 Inspect each component part for wear, deformation, scratches. and cracks. If damage is found, replace the part.

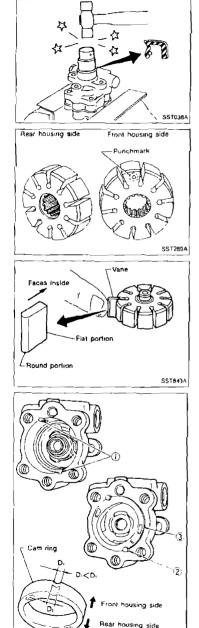
- ΕÌ.
- (5)







POWER STEERING OIL PUMP



Assembly

Assemble oil pump, noting the following instructions

- Make sure O-rings and oil seal are properly installed.
- Always install new O-rings and oil seal
- Be careful of oil seal direction.
- Cam ring, rotor and varies must be replaced as a set if necessary.
- Coat each part with ATF when assembling
- Pay attention to the direction of rotor.

 When assembling vanes to rotor, rounded surfaces of vanes must face cam ring side.

 Insert pin ② into pin groove ① of front housing and front side plate. Then install cam ring ③ as shown at left.

SST472C

General Specifications

Applied model	Alt
Steering model	Power steering
Steering gear type	PR24AC
Steering overall gear ratio	17 2
furns of steering wheel Lock to lock)	3 1
Steering column type	Collapsible, tilt

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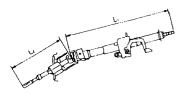
Inspection and Adjustment

GENERAL

Steering wheel axial play mm (in)	0 (0)
Steering wheel play limit mm (in)	35 (1 38)
Allowable movement of gear housing mm (in)	± 2 (± 0 08)

STEERING COLUMN

Applied model	LHD	RHD
Steering column length L," mm (in)	630 7 (24 83)	610 0 (24.02)
Sleering column lower shaft length "L ₂ " mm (In)	323 7 (12 74)	341 0 (13 43)

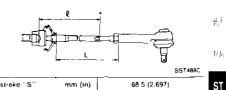


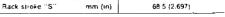
SST493C

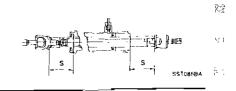
STEERING GEAR AND LINKAGE

Sleering gear type	PR24AC
Tie-rod outer ball joint	
Swinging force al cotter pin hole A ^{ri} N (kg. lb)	69-657 (07-67, 1.5-148)
Rotating forque "B" N m (kg-cm, in-lb)	0.29 - 2.94 {3.0 - 30 0. 2 6 - 26 0}
Axial end play "C' mm (in)	0 (0)
le-rod inner ball joint	
Swinging torce", "A" N (kg. lb)	69-569 (0.7-58,15-126)
Axial end play "C" mm (in)	0 (0)
Fie-rod standard length "L" mm (in)	169 (6.65)

* Measuring point ((* 137 mm (5 39 in))







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11.

SERVICE DATA AND SPECIFICATIONS (SDS) Inspection and Adjustment (Cont'd)

POWER STEERING

Steering gear type	PR24AC
Rack sliding force N (kg. lb)	
Under normal operating oit pressure	
Flange within \pm 115 mm (\pm 0.453 in) from the neutral position at rack speed of 3.5 mm (0.138 in)/s	
Average lorce	186 - 245 (19 - 25, 42 - 55)
Maximum (orca deviation	98 (10, 22)
Except for the above range	
Maximum sliding force	294 (30, 66)
Maximum force deviation	147 (15, 33)
Retainer adjustment	
Adjusting screw]
Initial lightening torque N m (kg-cm, in-lb)	4.9 - 5.9 (50 - 60, 43 - 52)
Retightening torque after loosening	02(217)
Tightening lorgue after gear has settled	4.9 (50, 43)
Returning angle degree	70* - 110*
Steering wheel turning lorce (Measured at one full turn from the neutral position) N (kg. lb)	39 (4, 9) or less
Fluid capacity (Approximate) f (Imp qt)	0.9 (3/4)
Oil pump maximum pressure kPa (bar, kg/cm², psi)	8.630 - 9.219 (86 3 - 92.2, 88 - 94, 1.251 - 1,337)