EAND FRONT SUSPENSION FRONT AXLE & FRONT SUSPENSION

fixing bots

(3) 489 - 40 (7 - 9, 51 - 66)



 Cambe The ye m E - 1 6'-17'

(F) 68 - 88 (7 - 9, 61 - 65)

GARLIWENGING MODEL

IdFat meat meld a [9] ANEGA TO Nom Dop on Hub !

P 31 -42 (32 - 43, 23 - 31)

CONTENTS

FRONT AXLE AND FRONT SUSPENSION F	A- 2
FRONT AXLE - Wheel Hub F	A- 3
FRONT SUSPENSION F	A- 6
FRONT SUSPENSION — Spring and Strut Assembly F	A- 7
FRONT SUSPENSION — Tension Rod and Stabilizer Bar	A-11
FRONT SUSPENSION — Transverse Link F	A-12
FRONT SUSPENSION — Suspension Crossmember F	A-14
ADJUSTABLE SHOCK ABSORBER (Including wiring diagram) F	A-15
SERVICE DATA AND SPECIFICATIONS (S.D.S.) F	A-24
SPECIAL SERVICE TOOLS F	A-26

When you read wiring diagrams:

- Read GI section, "HOW TO READ WIRING DIAGRAMS".
- See EL section, "POWER SUPPLY ROUTING" for power distribution circuit.

[J] 28 - 38 (3 - 4, 2

Suspension cro-

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letter trade property and the contract the c

their dust limited as bisuseem s.A.

with new grasse and 0.86 - 14.61 W (0.28 - 1.49 kg, 1.84 - 2.29 lb)

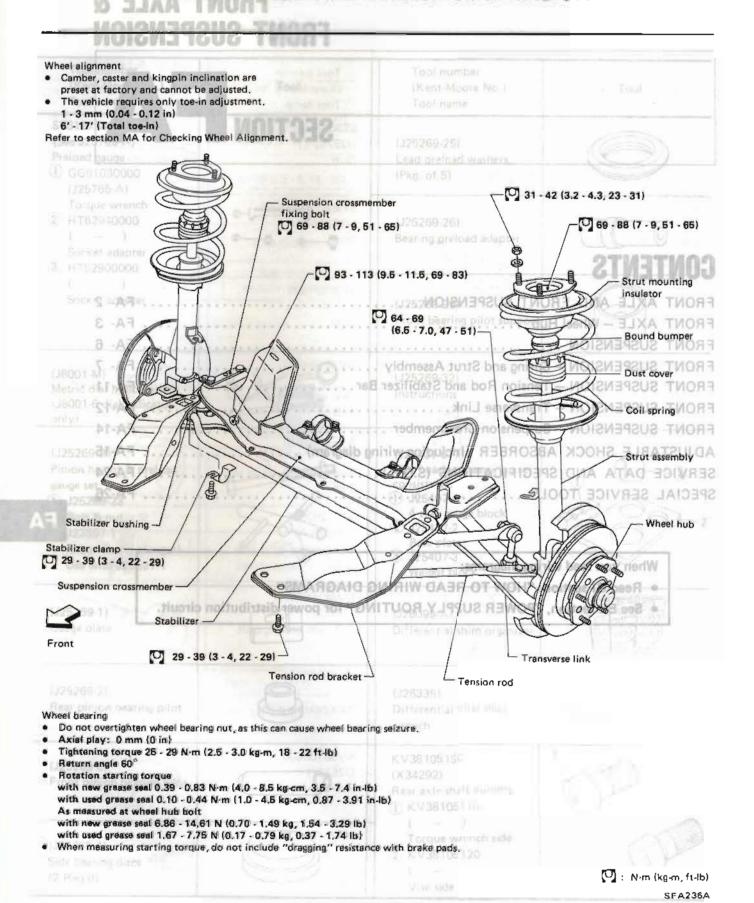
with used grangs and \$1,67 - 7,78 Wigh IT - 0,78 to a grand point

[U] 28-38(3-4,22-28)

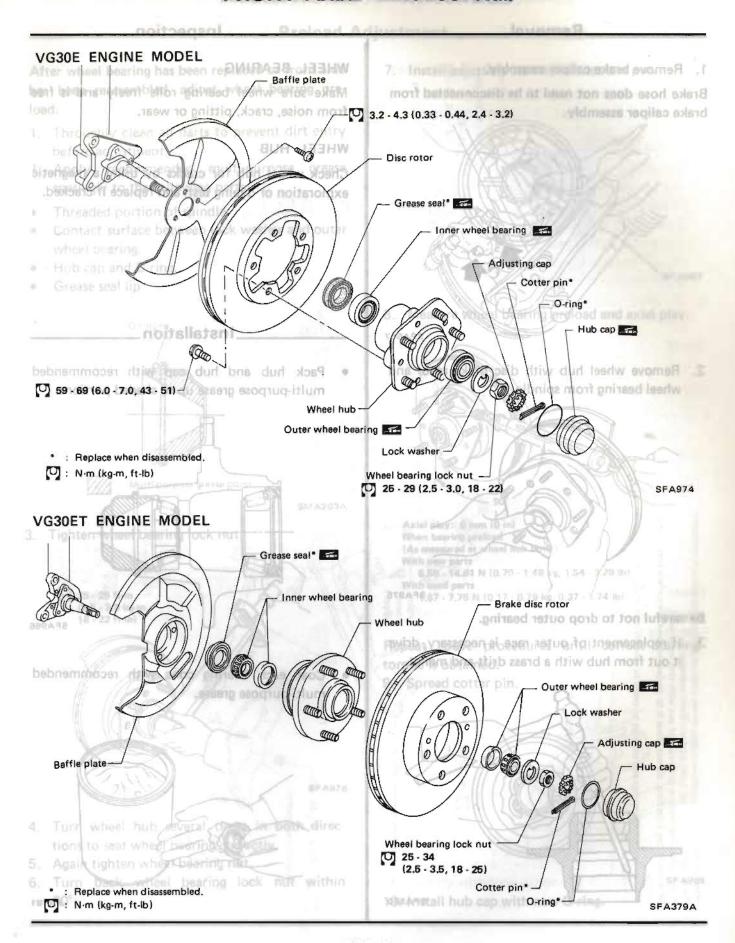
dragging, resistance with brake pade. When measuring scarting torque, do not include

(2.0 - 2.6, 10 - 20)

FRONT AXLE AND FRONT SUSPENSION



FRONT AXLE — Wheel Hub

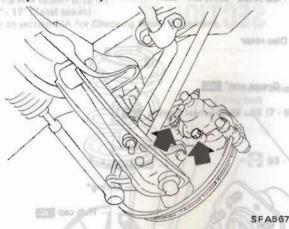


FRONT AXLE — Wheel Hub

Removal

1. Remove brake caliper assembly.

Brake hose does not need to be disconnected from brake caliper assembly.

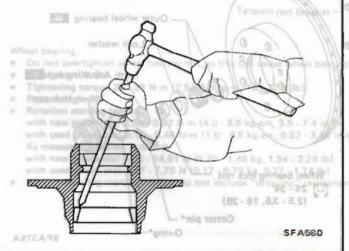


Remove wheel hub with disc brake rotor and wheel bearing from spindle.



Be careful not to drop outer bearing.

If replacement of outer race is necessary, drive it out from hub with a brass drift and mallet.



Inspection_

VG30E ENGINE MODEL

(C) 60 - 66 (7 - 0, 61 - 65)

WHEEL BEARING

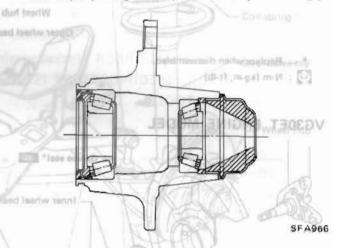
Make sure wheel bearing rolls freely and is free from noise, crack, pitting or wear.

WHEEL HUB

Check wheel hub for cracks by using a magnetic exploration or dyeing test, and replace if cracked.

Installation.

 Pack hub and hub cap with recommended multi-purpose grease up to shaded portions.



Coat each bearing cone with recommended multi-purpose grease.



FA781

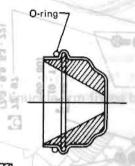
died leedW

FRONT AXLE — Wheel Hub

Removel and Installing Preload Adjustment

After wheel bearing has been replaced or front axle has been reassembled, adjust wheel bearing preload.

- 1. Throughly clean all parts to prevent dirt entry before adjustment.
- 2. Apply recommended multi-purpose grease sparingly to the following parts.
- Threaded portion of spindle.
- Contact surface between lock washer and outer wheel bearing.
- Hub cap and O-ring.
- Grease seal lip.

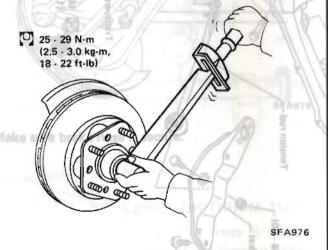




: Multi-purpose grease point

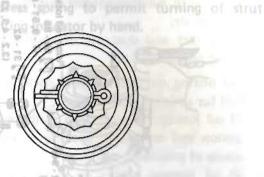
SMA203A

Tighten wheel bearing lock nut.



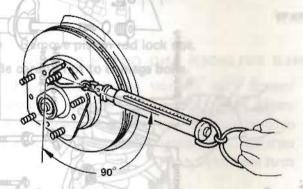
- 4. Turn wheel hub several times in both directions to seat wheel bearing correctly.
- Again tighten wheel bearing nut.
- 6. Turn back wheel bearing lock nut within 60°.

7. Install adjusting cap and new cotter pin.



SEA967

8. Measure wheel bearing preload and axial play.



Axial play: 0 mm (0 in) When bearing preload

(As measured at wheel hub bolt):

With new parts

6.86 - 14.61 N (0.70 - 1.49 kg, 1.54 - 3.29 lb)

With used parts

1.67 - 7,75 N (0.17 - 0.79 kg, 0.37 - 1.74 lb)

SFA977

Repeat above procedures until correct starting torque is obtained.

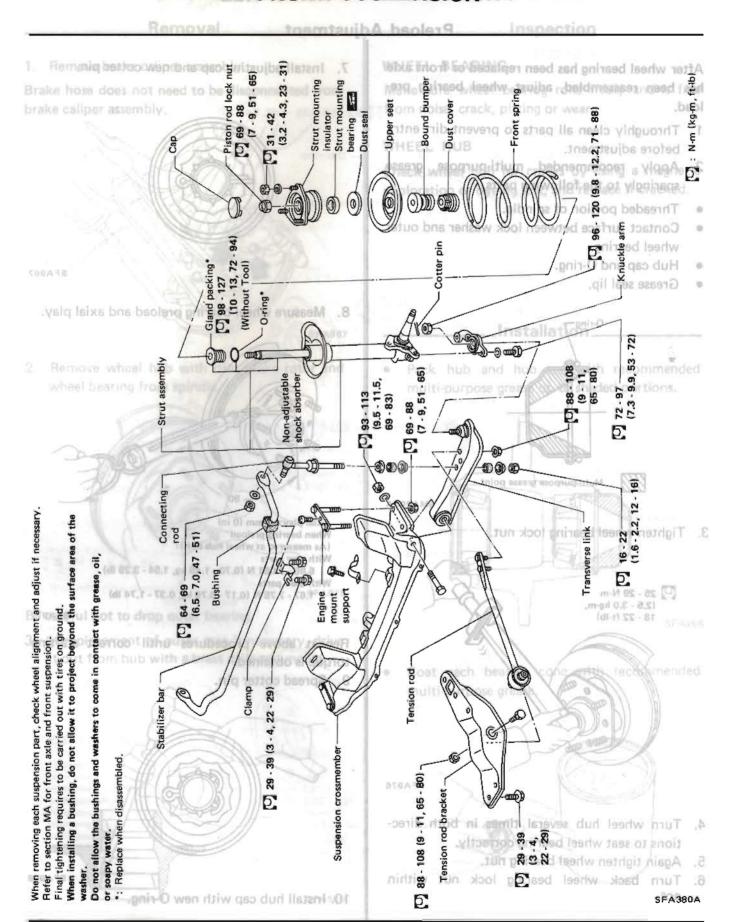
9. Spread cotter pin.



Slowly with a my platen rad and splen a SFA968

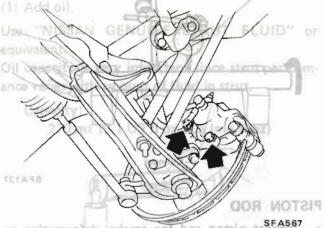
10. Install hub cap with new O-ring.

FRONT SUSPENSION



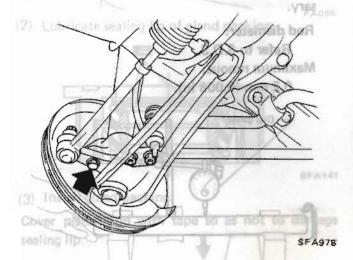
Removal and Installation ______ Disassembly ____

 Remove brake caliper assembly without disconnecting brake line.



Trapect piston rod for cracks deformation or other damage. Replace shortly absorber kitcartridge, if necessary, Inspect threads for cracks or other damage.

Remove knuckle arm fixing bolts.



Make sure brake hose is secure.

COLUMN SEATON

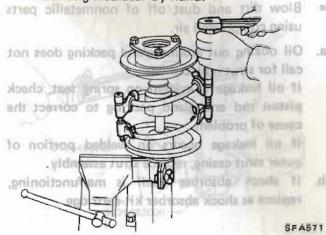
STRUT MOUNTING INSULATOR Replace If cemented rubber-to-metal portion are melted or cracked. Rubber parts also need to be replaced, if deteriorated.

STRUT MOUNTING BEARING

Replace if inspection reveals abnormal noise or excessive rattle in axial direction.

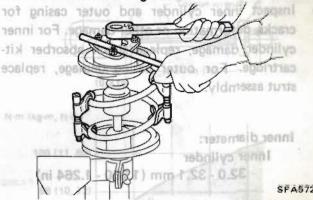
Avoid dirt and dust getting inside strut, a resW

 Compress spring to permit turning of strut mounting insulator by hand.

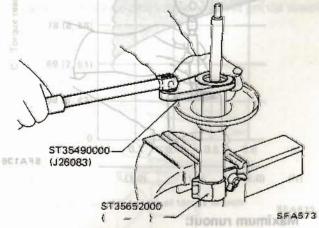


Remove piston rod lock nut.

Be careful not to damage bolts.



Remove gland packing with Tool, Retract piston rod by pushing it down until it bottoms.



Slowly withdraw piston rod and cylinder.

Less than 0.2 mm (0.008 in)

Inspection in noitellatent bas levomes.

- Wash all parts, except for nonmetallic parts, clean with suitable solvent and dry with compressed air.
- Blow dirt and dust off of nonmetallic parts using compressed air.
- Oil oozing out around gland packing does not call for strut replacement.
 - If oil leakage is evident on spring seat, check piston rod and gland packing to correct the cause of problem.
 - If oil leakage occurs on welded portion of outer strut casing, replace strut assembly.

Remove niston rad look nut.

 b. If shock absorber itself is malfunctioning, replace as shock absorber kit-cartridge.

INNER CYLINDER AND OUTER CASING

 Inspect inner cylinder and outer casing for cracks, deformation or other damage. For inner cylinder damage, replace shock absorber kitcartridge. For outer casing damage, replace strut assembly.

Inner diameter:

Inner cylinder

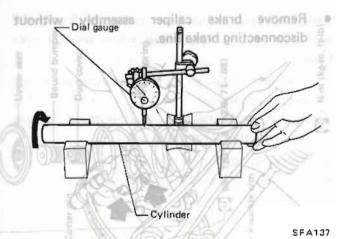
32.0 - 32.1 mm (1.260 - 1.264 in)



Maximum runout:

Inner cylinder or nothig warbitiw ylwol2

Less than 0.2 mm (0.008 in)



PISTON ROD

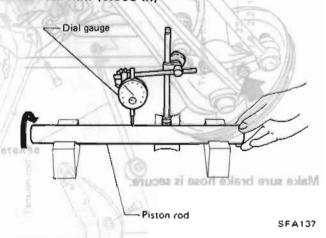
- Inspect piston rod for cracks, deformation or other damage. Replace shock absorber kitcartridge, if necessary.
- Inspect threads for cracks or other damage.
 Replace shock absorber kit-cartridge, if necessary.

Rod diameter:

Refer to S.D.S.

Maximum runout:

0.2 mm (0.008 in)



STRUT MOUNTING INSULATOR

Replace if cemented rubber-to-metal portion are melted or cracked. Rubber parts also need to be replaced, if deteriorated.

STRUT MOUNTING BEARING

Replace if inspection reveals abnormal noise or excessive rattle in axial direction.

___Assembly_____

Before assembly, keep all parts away from dust.

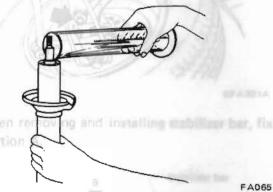
(When shock absorber kit-cartrigde is not used.)
(1) Add oil.

Use "NISSAN GENUINE STRUT FLUID" or equivalent.

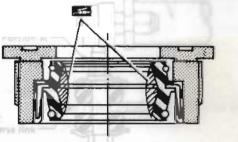
Oil capacity is very important since strut performance varies with amount of fluid in strut.

Capacity:

270 ml (9.1 US fl oz, 9.5 Imp fl oz)



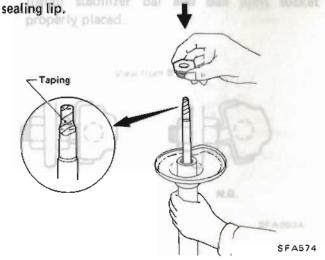
(2) Lubricate sealing lip of gland packing.



SFA141

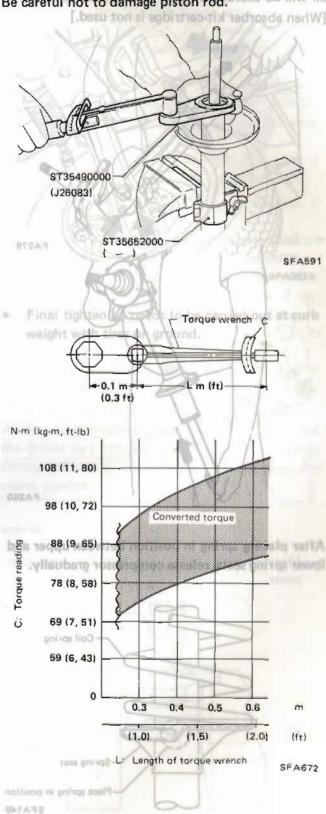
(3) Install gland packing.

Cover piston rod with tape so as not to damage



Tighten gland packing with Tool.

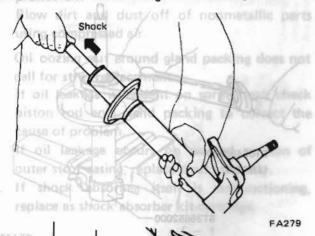
Be careful not to damage piston rod.

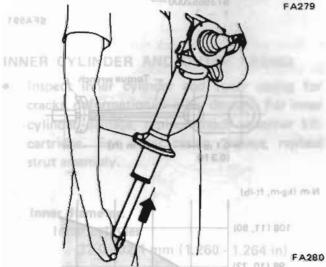


Assembly (Cont'd)

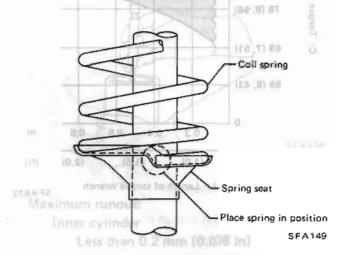
Repeat following procedures several times so that air will be thoroughly bled from strut.

[When absorber kit-cartridge is not used.]





After placing spring in position between upper and lower spring seats, release compressor gradually.



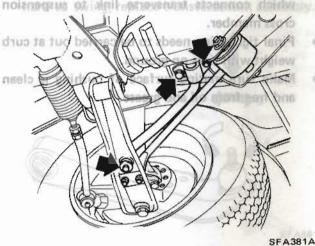
Before assembly, keep all parts away from dust. (When shock absorber kit-cartrigde is not used.) lio bbA (1) Use "NISSAN GENUINE STRUT FLUID" or Oil capacity is very important since strut performance veries with amount of fluid in strut. Capacity: 270 mg (9.1 US fl oz, 9.5 Imp fl oz) Inspect piston rod for cracks of ormation or other damage. Replace sharp enjoyee kit-Inspect threads for cracks of other damage. Replace shock absorber kit-cartridge, if naces-(2) Lubricate sealing lip of gland packing to both SPATAT (3) Install gland packing. Cover piston rod with tape so as not to damage sealing lip. gniqs Tayle 17 STRUT MOUNTING TONILATOR Replace if cemented rupber to-metal melted or cracked also parts also said to be replaced, if detailor ted STRUT MOUNTING BEARING Replace if inspectiped reveals abnormal noise or ATSA 48 excessive rattle in axial direction.

FRONT SUSPENSION — Tension Rod and Stabilizer Bar

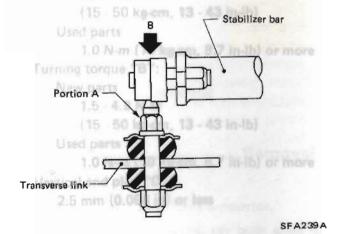
Removal and Installation_____

[STABILIZER BAR]

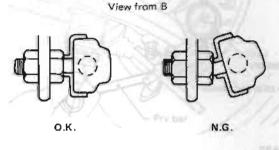
Remove stabilizer bar.



When removing and installing stabilizer bar, fix portion A.



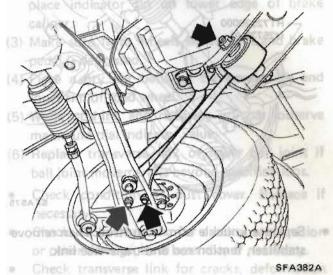
Install stabilizer bar and ball joint socket properly placed.



SFA002A

[TENSION ROD]

Remove tension rod.



Final tightening needs to be carried out at curb weight with tires on ground.

or other damage; replace transverse link Winds-

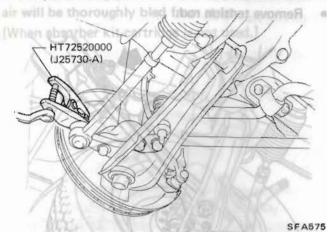




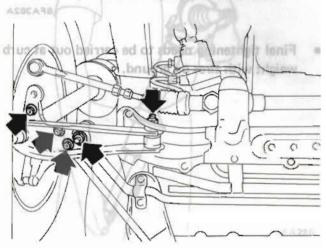
FRONT SUSPENSION — Transverse Link

___Removal and Installation_

Separate knuckle arm from tie-rod with Tool.

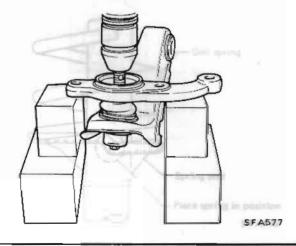


 Separate knuckle arm from strut. Then remove stabilizer, tension rod and transverse link.

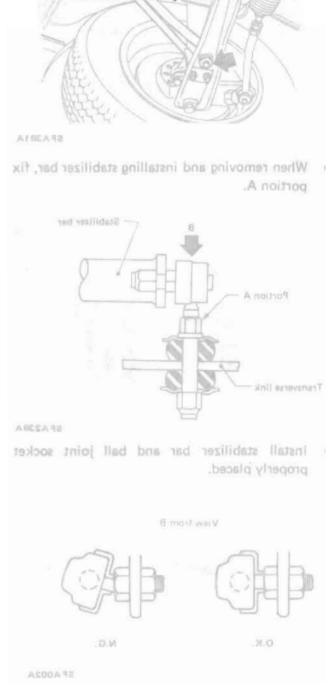


SFA576
After placing spring in position between upper and

 Separate ball joint from knuckle arm with press.



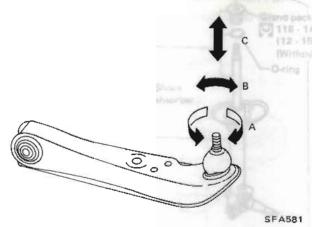
- To install transverse link, first temporarily tighten nuts securing transverse link spindle which connects transverse link to suspension cross member.
- Final tightening needs to be carried out at curb weight with tires on ground.
- Make sure mating surface of bushing is clean and free from oil and grease.



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Inspection anitalia and hon lawoman

 Check ball joint for play. If ball stud is worn, play in axial direction is excessive or joint is hard to swing, replace transverse link assembly.



Turning torque "A":

New parts

1.5 - 4.9 N·m

(15 - 50 kg-cm, 13 - 43 in-lb)

Used parts

1.0 N·m (10 kg-cm, 8.7 in-lb) or more

Turning torque "B":

New parts

1.5 - 4.9 N·m

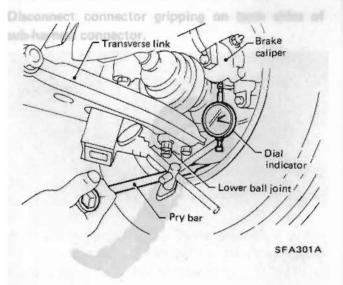
(15 - 50 kg-cm, 13 - 43 in-lb)

Used parts

1.0 N·m (10 kg-cm, 8.7 in-lb) or more

Vertical end play "C":

2.5 mm (0.098 in) or less



- (1) Jack up front of vehicle and set the stands.
- (2) Clamp dial indicator onto transverse link and place indicator tip on lower edge of brake caliper.
- (3) Make sure front wheels are straight and brake pedal is depressed.
- (4) Place a pry bar between transverse link and inner rim of road wheel.
- (5) While pushing and releasing pry bar, observe maximum dial indicator value.
- (6) Replace transverse link or lower ball joint if ball joint movement is beyond specifications.
- Check condition of dust cover. Replace if necessary.
- Check rubber bushing for cracks, deformation or other damage; bush assembly if necessary.
- Check transverse link for cracks, deformation or other damage; replace transverse link if necessary.
- Remove plug and install grease nipple in its place.

Pump grease slowly until old grease is completely forced out. After greasing, reinstall plug.

When a high-pressure grease gun is used, operate the grease gun carefully so that grease is injected slowly and new grease does not come out from the clamp portion.



Make sure that brake hose is secure.

FRONT SUSPENSION — Suspension Crossmember

Removal and Installation____Inspection_

Precaution and the base billier to death and the Support engine to remove load from engine mounting. To support several to support engine mounting.

- (3) Make sure (north wheels are straight and brake padal is depressed.
- (4) Place a pry bar between transverse link and inner rim of road wheel.
- (5) While pushing and releasing pry bar, observe maximum dial indicator value.
- (6) Replace transverse link or lower ball joint if ball joint movement is beyond specifications.
- Check condition of dust cover. Replace If necessary.
- Check rübber bushing for dracks) deformation or other damage; bush assembly if pecisiary.
- Check transverse link for cracks, deformation or other damage; replace transverse link if necessary.
- Remove plug and install grease nipple in its place.
- Pump grease slowly until old grease is gompletely forced out. After greasing reinitall plug.

When a high-pressure greate gun is use it operate the greate gun carefully so that greate is injected slowly and new greate does not come out from the clamp portion.

01.45.00

Separate ball joint from knuckle arm with



Check suspension crossmember for deformation or cracking:

Replace if necessary.

- Final tight ening needs to be carried out at curb weight with tires on ground.
- Make sure mating surface of bushing is clean and feed oil and grease.



SFASSI

Turning torque "A":

New parts

1.5 - 4.9 N·m

(15 - 50 kg-cm, 13 - 43 in-lb)

Used parts

1.0 N-m (10 kg-cm, 8.7 in-lb) or more

Turning torque "B":

New parts

1.5 - 4.9 N-m

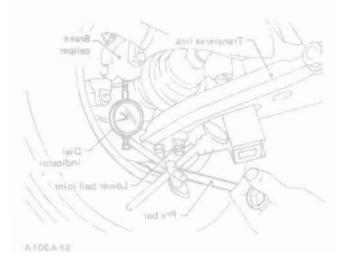
(15 - 50 kg-cm, 13 - 43 in-lb)

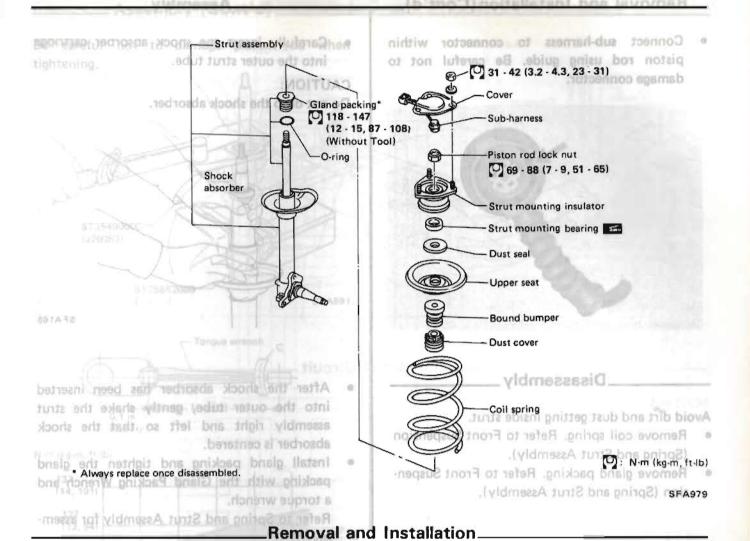
Used parts

1.0 N-m (10 kg-cm, 8.7 in-lb) or more

Vertical end play "C":

2.5 mm (0.098 in) or less





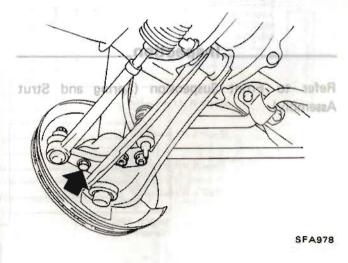
CAUTION:

Keep water and dust away from connector.

Disconnect connector gripping on both sides of sub-harness connector.



Remove strut and knuckle arm fixing bolts.



Make sure that brake hose is secure.

Removal and Installation (Cont'd)____

 Connect sub-harness to connector within piston rod using guide. Be careful not to damage connector.



Disassembly_

Avoid dirt and dust getting inside strut.

- Remove coil spring. Refer to Front Suspension (Spring and Strut Assembly).
- Remove gland packing. Refer to Front Suspension (Spring and Strut Assembly).

Remove shot and knuckle arm fixing bolts.

Inspection_

Refer to Front Suspension (Spring and Strut Assembly).

SEASTE

Make sure that brake hose is secure.

Assembly.

 Carefully insert the shock absorber cartridge into the outer strut tube.

CAUTION:

Do not drop the shock absorber.



SFA165

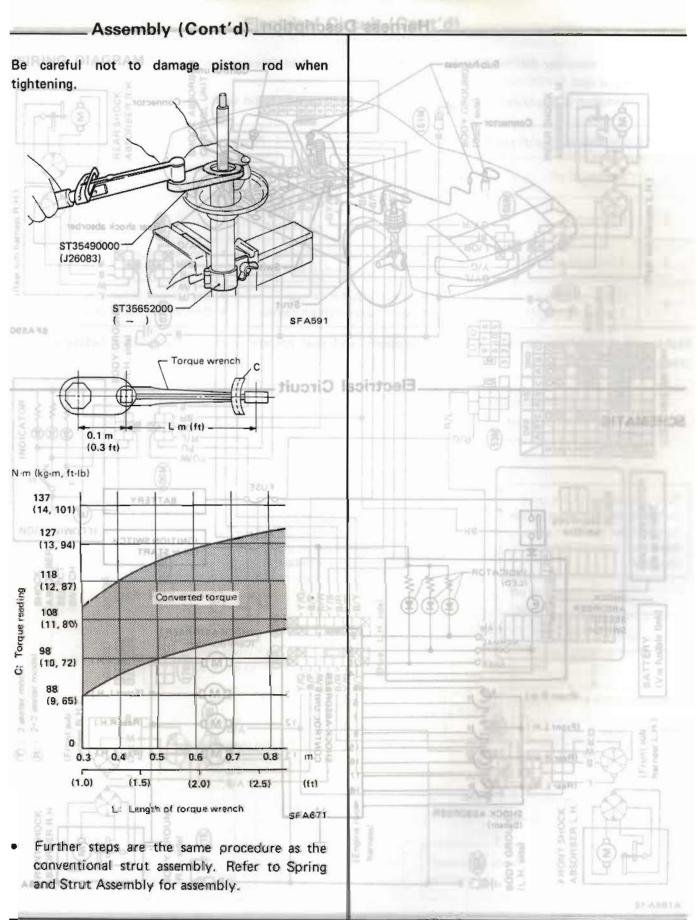
- After the shock absorber has been inserted into the outer tube, gently shake the strut assembly right and left so that the shock absorber is centered.
- Install gland packing and tighten the gland packing with the Gland Packing Wrench and a torque wrench.

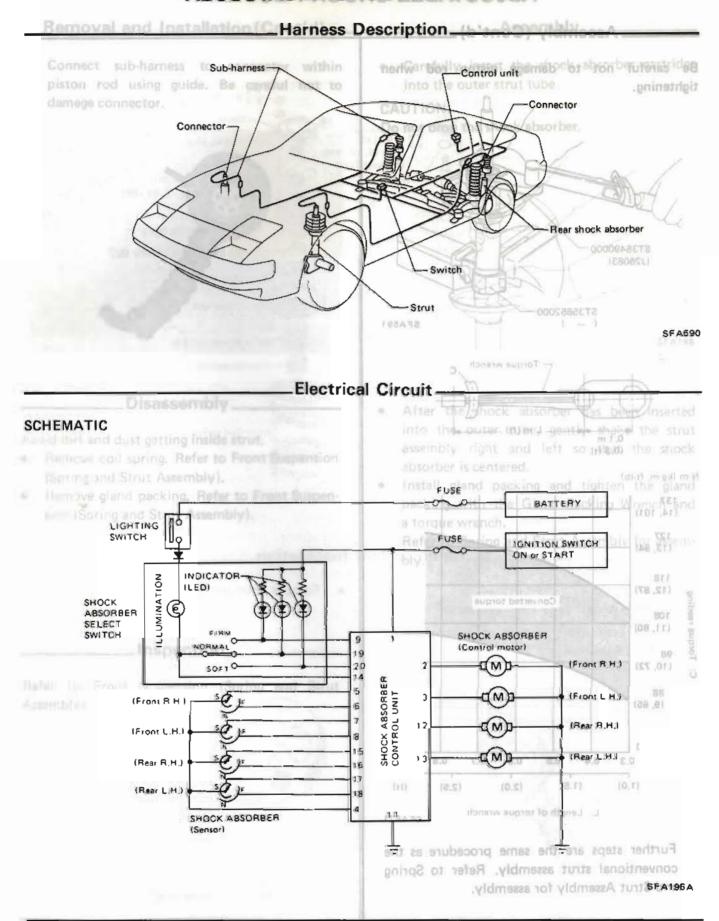
Refer to Spring and Strut Assembly for assembly.

CAUTION:

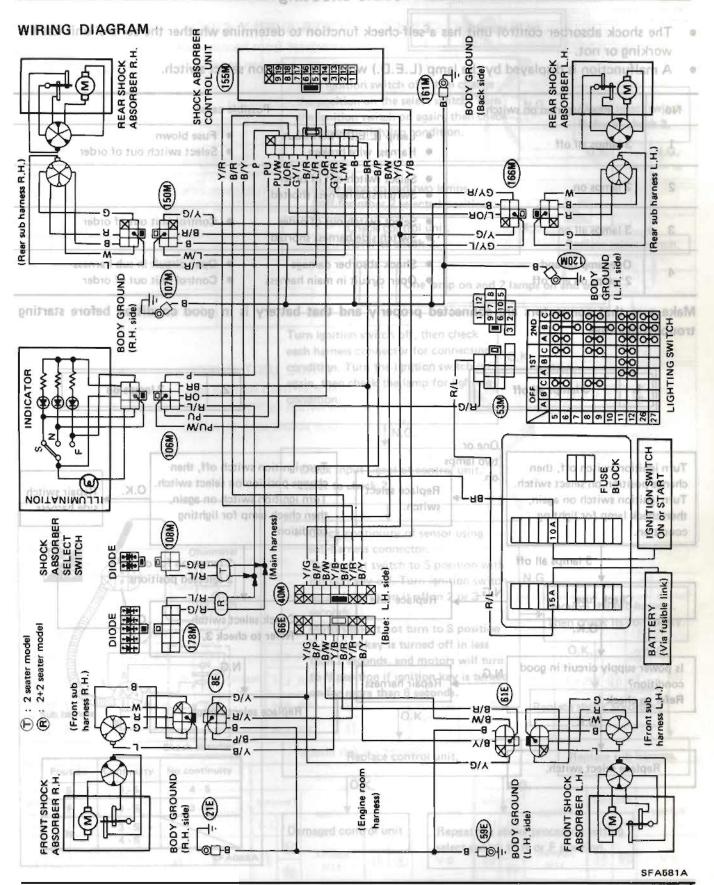
Keep water and dust away from connector.

Disconnect connector gripping on both sides of sub-harness connector.





Electrical Circuit (Cont'd).

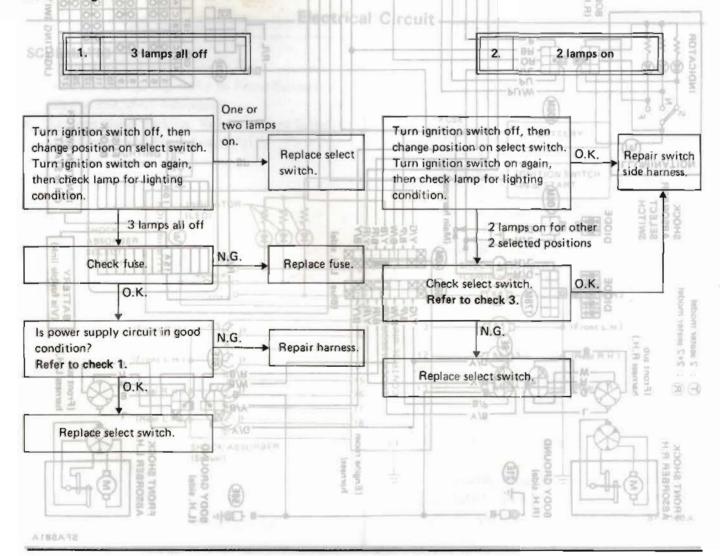


____ Trouble-shooting ___

- The shock absorber control unit has a self-check function to determine whether the control unit itself is working or not.
- A malfunction is displayed by the lamp (L.E.D.) which is located on select switch.

No.	Phenomenon on switch	Possible cause						
1 =	3 lamps all off	Lamp (L.E.D.) burnt out Fuse blown Harness wire broken Select switch out of order						
2	2 lamps on	Select switch out of order Switch side harness shorted						
3	3 lamps all on	Select switch out of order Switch side harness shorted Control unit out of order						
4	One lamp on and 2 lamps on and off	Shock absorber damage Open circuit in sub-harness Open circuit in main harness Control unit out of order						

Make sure that connectors are connected properly and that battery is in good condition before starting trouble diagnoses.



____Terminal Check _____

Turn lanition switch

-

Behind the space saver tire 1 2 3 4 5 6 7 8 9 H.S. Control unit Voltmeter or ohmmeter SFA240A

CHECK 1: POWER SUPPLY CIRCUIT CHECK

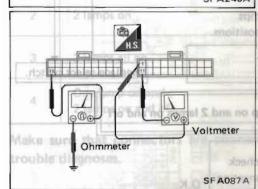
- 1. Connect ohmmeter from harness side.
- 2. Check continuity between terminal (1) and body ground.

adt no notti Ohmmeter	0	
out the lass (+) out letter	e (+) use blown	Continuity
(I) aken	Body ground	Yes

- 3. Connect voltmeter from harness side.
- 4. Measure voltage across terminal (1) and (1).

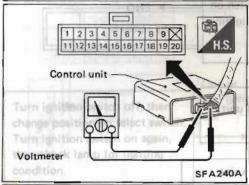
lefer to chack 2	Voltmeter				
(+)	ber damage Lin main harrois	-)	Control unit out i	Condition	
of property D	nd that bets I	0	Approx. 12 V	Ignition switch	

a gut of order . . . Control unit out of order



CHECK 2: CONTROL UNIT CHECK

- 1. Connect voltmeter from harness side.
 - 2. Turn ignition switch to "ON".
- 3. Measure voltage across each terminal.



Sensor check

each harness connector for one

			"so	FT" of	risiv	r nai	to S posit	t switch	pelec	mu	"FIF	RM"	mana	E 0.0	by orthoge	.NOI	RMAL'	.,		
Voltage	Terr	ninal	Romarka	Voltage	Terr	ninal	The second second	T-He y	Terr	ninal	Parada	Valiana	Terr	ninal		M.	Term	inal		
Voltage	(+)	(-)	Remarks	Voltage	(+)	(-)	Hemarks	Voltage	(+)	(-)	Remarks		(+)	(-)	Remarks	voltage	(+)	(-)		
- Villett	4	871.3	GND		6	rinoc	FR, R.H.	ght not	4	orol	GND	to check	(5)	(5)	5	(5)	FR, R.H.	. 8	4	
.Đ.	(5)		FR, R.H.		8	lliw Iliw	EB, L.H.	us 'spuo	6	ueu ueu	FR, R.H.	TAUR.	7		FR, L.H.	Tike.	5 15			
ov	7	0	FR, L.H.	Approx.	16	0	RR, R.H.	OV 00	8	0	FR, L.H.	Approx.	15)	1	RR, R.H.	ov	606	0		
Relay	15	ent.	RR, R.H.	Rep	18		RR, L.H.	o nam e	16	01-11	RR, R.H.	salects	17		RR, L.H.	Amana Par	TO			
Į.	17)	B	RR, L.H.				199	*	(18)		RR, L.H.					R	80			

Shock ebsorber Select switch check "SOFT" "FIRM" "NORMAL" Terminal Terminal Terminal Terminal Terminal Terminal Voltage Voltage Voltage Voltage Voltage Voltage (+) (+) (-) (+) (-)(+) (+) (-)(+) (-) 19 9 9 Approx. Approx. Approx. 20 1 1 (11) (9) (11) OV (19) 1 1 0 V 0 V 11V 11V (19) 11V 20

SERVICE DATA AND SPECIFICATIONS (S.D.S.)

Selvind the space		Gen	eral Speci	fications_				
	Engine	Гнотіwа	O: SELLECT	MOBHOUPIN	-Y UTROUT	I WILLIAM		
Veture and	Charles 5	VG30ET	selCotet Iron	VG30E 2 seater 2+2 seater				
Control unit	/ehicle model Grade	2 seate	ning or rateur	2+2 seater	2 seater	17 D. S.	y ground.	
nels at each swimen	RECEIPT COME	nuity betwe	the same of the sa	2. Chec	SF-GL-GL-L	GL	GL·L	
Suspension	7	F		Strut with	coll spring		of incorp	
Coil spring Wire diameter	mm (in)		14.8 (0.583)		13.8	13.9 (0.547)		
Coil diameter	mm (in)	AZ-MA		170 (6.69)		ELLA.	
Free length	mm (in)	0	268.5 (10.57)		312.5	(12.30)	318.5 (12.54	
Spring constant N/mm (kg	g/mm, lb/in)	-0	34.3 (3.5, 196)	unde gernag (1111((III) 2 0	23.8 (2.43, 136.	1)	
Identification color	-0 Y	ellow x 1, Orange	x 1	Blue x 1,	White x 1	Blue x 1, Orange x 1		
Strut	Gas-fill	ed double acting h	nydraulic	Double acting hydraulic I watch				
Type Ohmonette		L'alle	Adjustable		Non-adjustable Non-adjustable			
Inner cylinder Inner diameter	mm (in)	35.	0 - 35.1 (1,378 - 1	.382) _{10 L} UM	T CHE 32.0	- 32.1 (1.260 - 1	1.264)	
Maximum runout	mm (in)	11	ess than 0.2 (0.00	8) eter from	14(1) 654 SideLess than 0.2 (0.008)			
Piston rod Rod diameter	mm (in)	2. Turn million switch to 179 3. M 25 (0.98) of tage across each terminal 22 (0.87)						
Maximum runout	mm (in)	10/4-1- L	ess than 0.1 (0.00)4)	Less than 0.1 (0.004)			
Stroke Maximum/Minimum	mm (in)		18	39.8 - 193.8/39.5	(7.47 - 7.63/1.58	55)		
Damping force [at 0,3 m	(1.0 ft)/sec.]	Firm	Normal	Soft				
Expansion	N (kg, lb)	1,579 - 2,148 (161 - 219, 355 - 483)	1,579 - 2,148 (161 - 219, 355 - 483)	1,324 - 1,775 (135 - 181, 298 - 399)	834 - 1,128 (85 - 115, 187 - 254)			
Compression	N (kg, lb)	834 - 1,128 (85 - 115, 187 - 254)	834 - 1,128 (85 - 115, 187 - 254)	657 - 912 (67 - 93, 148 - 205)	363 -	520 (37 - 53, 82	2 - 117)	
Stabilizer bar diameter	mm (in)	7 m w	24 (0.94)	GNO	(5)	22 (0.87)	30	
Tension rod diameter	mm (in)	D FR.L	и (6)	18 (0).71)	FR. LH	(3) (5)	
OV 7 TO SEE LA	1	E QUINNER	HE UV (8)	ST FRILIT	chibian 18 1	PA.R.H.	av mosio	
0.0				RRRH				
(2) PR				RR LH			8 10	
			Select switch					
"SOFT"			FURA			WORMAL		
Terminal	Terr			· ·				
Voltage We	oltings			Terrina Topa	Voltage		Tarmin	
11 0 10/11 11 11 11 11	oprox. (f)	0 ov		aprile (B)		OR CI ADD	(e) (e)	
X 2 XX YX	117 @	0 0	0	11V (0	1.00	10 11 11	v 20	

SERVICE DATA AND SPECIFICATIONS (S.D.S.)

	ENI	(Unladen*1)	Item	N-m	kg-m	ft-lb
mber	degree	-35' to 55'	Wheel hub		low aro	οM-21
ster	degree	5°50′ - 7°20′	Wheel bearing lock nut	25 - 29	2.5 - 3.0	18 -
20-10	f: 1		Wheel hub to disc rotor	59 - 69	6.0 - 7.0	43 -
m ne-in —	ım (in)	1 - 3 (0.04 - 0.12)	Wheel nut	98 - 118	10 - 12	72 -
de	gree*2	6' - 17'	Knuckle arm and knuckle		1700	
ngpin inclination	degree	12° 55′ - 14° 25′	spindle (Strut assembly) Knuckle arm to side rod	E4 . 98	5.5 - 10.0	40 -
and the state of the state of	-	1802	Knuckle arm to	72 - 97	7.3 - 9.9	53 -
ont wheel turning angl Toe-out-turn	е		knuckle spindle	12.31	7,3 = 9.3	50.
	degree	22°30′/20°	Torque member fixing	72 - 97	7.3 - 9.9	53 -
Full turn	0		bolt		710 - 019	
	degree	35° - 39° /27° - 31°	Knuckle spindle to	3.2 - 4.3	0.33 - 0.44	2.4 -
. Tankful of first and	lator ac-	lant and engine oil full	baffle plate	THIO(TISO	10 10 14	7304
		lant and engine oil full. mats in designed position	Tie rod lock nut	78 - 98	8 - 10	58 -
2: Total toe-in	X 0 Sh	all an area and a second	Ball joint		RA-	١
RIVE SHAFT			Lower ball joint to knuckle arm	96 - 120	9.8 - 12.2	71 -
		od-Triped" Type	Strut assembly			
WHEEL BEARIN	G	of Offcer Birfield" Type	Strut mounting	31 - 42	3,2 - 4.3	23 -
theel bearing axial play	ON		insulator fixing bolt			
	m (in)	0 (0)	Piston rod lock nut	69 - 88	7 - 9	51 -
BAR SUSPENSI	UN-	Amustrale Sheek Jusiamer	Gland packing		18 B. C	
Tightening torque		5°ECIFICATIONS (S.D.S.)	Adjustable	118 - 147	12 - 15	87 -
PECIAL N-m (kg-m	, ft-lb)	25 - 29 (2.5 - 3.0, 18 - 22)	Non-adjustable	98 - 127	10 - 13	72 -
Return angle	degree	60°	Transverse link	02 112	05 415	60
			Transverse link to suspension member	93 - 113	9.5 - 11.5	69 -
heel bearing starting to N·m (kg-cm			Tension rod			
With new grease seal	, 111-10)	0.39 - 0.83 (4.0 - 8.5, 3.5 - 7.4)	Tension rod to	88 - 108	9 - 11	65 -
10		0.10 - 0.44	tension rod bracket			
With used grease seal		(1.0 - 4.5, 0.87 - 3.91)	Tension rod bracket to	29 · 39	3 - 4	22 -
			body			
A	I .		Tension rod to transverse link	88 - 108	9 - 11	.65 -
At wheel hub bold	kg. lb)		11 11 19 19 19 11 111			
N (kg, lb)	6.86 - 14.61	Stabilizer har			
		6.86 - 14.61 (0.70 - 1.49, 1.54 - 3.29)	Stabilizer bar Stabilizer bar clamp	29 - 39	3 - 4	22-
N (With new grea	se seal		Stabilizer bar clamp to body (tension rod	29 - 39	3 - 4	22 -
N (se seal	(0.70 - 1.49, 1.54 - 3.29)	Stabilizer bar clamp to body (tension rod bracket)			
N (With new grea	se seal	(0.70 - 1.49, 1.54 - 3.29)	Stabilizer bar clamp to body (tension rod bracket) Stabilizer bar to	29 · 39 16 · 22	3 - 4 1.6 - 2.2	
With new grea With used grea	se seal	(0.70 - 1.49, 1.54 - 3.29)	Stabilizer bar clamp to body (tension rod bracket) Stabilizer bar to transverse link	16 - 22	1.6 - 2.2	12-
With new grea With used grea	se seal	(0.70 - 1.49, 1.54 - 3.29)	Stabilizer bar clamp to body (tension rod bracket) Stabilizer bar to transverse link Stabilizer bar to			12-
N (With new grea	se seal	(0.70 - 1.49, 1.54 - 3.29)	Stabilizer bar clamp to body (tension rod bracket) Stabilizer bar to transverse link Stabilizer bar to connecting rod	16 - 22	1.6 - 2.2	
With new grea With used grea With used grea OWER BALL J Furning tarque "A", "8 Non (kg-c)	se seal	(0.70 - 1.49, 1.54 - 3.29) 1.67 - 7.75 (0.17 - 0.79, 0.37 - 1.74)	Stabilizer bar clamp to body (tension rod bracket) Stabilizer bar to transverse link Stabilizer bar to	16 - 22	1.6 - 2.2	12-
With new grea With used grea OWER BALL J	se seal	(0.70 - 1.49, 1.54 - 3.29)	Stabilizer bar clamp to body (tension rod bracket) Stabilizer bar to transverse link Stabilizer bar to connecting rod Suspension member	16 - 22 64 - 69	1.6 - 2.2 6.5 - 7.0	12-
With new grea With used grea OWER BALL J unnling tarque "A", "8 Nm (kg-c)	se seal	(0.70 - 1.49, 1.54 - 3.29) 1.67 - 7.75 (0.17 - 0.79, 0.37 - 1.74)	Stabilizer bar clamp to body (tension rod bracket) Stabilizer bar to transverse link Stabilizer bar to connecting rod Suspension member Suspension member	16 - 22 64 - 69	1.6 - 2.2 6.5 - 7.0	12-

SPECIAL SERVICE TOOLS SOWAS

Tool number	Tool name	mid	212 april	3den*1)		MEEL ALI
(Kent-Moore No.)	Grand	durt hadW	AND A STATE OF	'82 or '80-2 senter		sector nedme
ST35490000 (J26083)	Gland pack	king wrench	1	5)	(m) mm	770 718/40
Wire dismeter	min (in)	to Knuckle arm and knuckle spindle (tirrut assembly)	٠	6'-17'	degree*2 (Ebs.0) 5 5	13.8 m (4.7)
ST35652000 (_)	Clamp	Knuckle am to side ro Knuckle am to 2 011 5 knuckle spindle		(d)2	12.5 (12.30) Work bi	יספד שותפוד מוניתור הידט לטלים לוויתור
7.3 - 9.9mm 63 972ml	72 - 97 Invidi .comiu	Torque member fixing			90 (1 2 45) 130	
HT72520000	Ball joint	remover	121	P	esupeb abi	Inside/Outs
(J25730-A)	88 - 85	Tie rod lock nut	790		al, radiator coolant ar k, hand tools, mats in	Spare tire, lec-
9.8 - 12.2 71 - 88.y	96 - 120	or said bed from the	op Ciriulic	7.5	Double acting hydr	ni-ect leroT :
		Struckle arm				
3.2 - 4.3 (61)*23 - 39 of	31 - 42 lmi.mm	Strut mounting	1 2 8 2 1		RING	HEEL BEA
T (Bond Common Stratt)	88-88	riin dool box sustalfin 0.2 10		(0) 0	Less teart leaders to	ai ns grinsed less (8)
12 - 15 Opening 81 - 108	Allendez	Otano piloting alderstable 26 (0:98)			22 IV 87 we	seel bearing lock Tightening torq
10 - 13 72 - 84 3400us mumis est	98-127 (ai) mm	Non-adjustable		6-29 (2.5-3.0, 1	(kg-m, 11-16)	m W
11.55 00 E.11 - E.0	811 - EE	Transverse IME to		Ma.	1355	Return angle
Digging force (a) \$ Jigo	(1-766)/5881	boy notine?	3.5052.4)	0.83 (4.0 - 8.5,	(dien) , marga	trest grineer leed If m:M With New green
3 - 4 nord0x29	N 00 ₂ , 00	######################################	1 1326-1 (1357g) 201	0.10-0.44	1.175 (So., 1869 B	With upplygeness
08 - 88	7/ Higs Its 1	104 - 97,bgr noiseal 1 122 105 - 108 errorum 1 115 187 - 254 had variful 2254	187 - 93	6.86-14.81 0.70-1.49, 1.64	63 520 ldt.gpd M 63 520 ld7 53 62	
4 - 22 - 29 E	29 - 39 (m) min	Stabilizar bar clamp (b) (a) to body (tansion rod bracket)		1.67 - 7.76	25 (0.82)	wo driW
18 (2.2 12 16	(nd men 14 : 22	Stabilizer ber to	19-1,1	0.17 - 0.79, 9.37		
65-7.0 47-61	84 - 89	Stabilizer ber to connecting rod			T JOINT	OWER BAL
7-9 61-65	BH - RB	Suspension member Suspension member to bady	3 - 43)	.5 - 4.9 (15 - 50, 1	(icg-cm; in-lb)	ming torque "A New part
			27/047	1.0 (10, 8.7) or r		triag bast
			229	2.5 (0.0981 or	(c) mm.(ln)	valq bne lastri