

SERVICE MANUAL

DATSUN 240Z SPORTS
MODEL S30 SERIES
CHASSIS & BODY



NISSAN MOTOR CO., LTD.
TOKYO, JAPAN

EQUIPMENT

SERVICE TOOL

SECTION SE

SERVICE EQUIPMENT

For measuring the clutch
disk

1.00
1.01

Fig. 11-1

For measuring the
suspension spring height
(Use with the base
plate)

Fig. 11-2

For measuring the
shock spring height
(Use with the distance
plate)

1.00
1.01

Fig. 11-3

For measuring the
shock spring height
(Use with the base
plate)

1.10
1.11

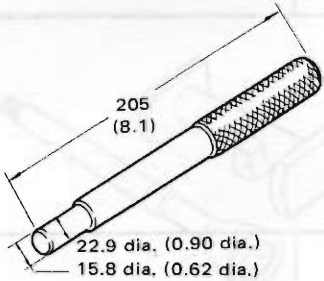
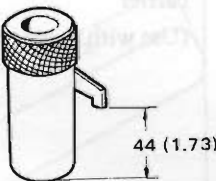
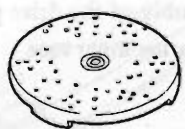
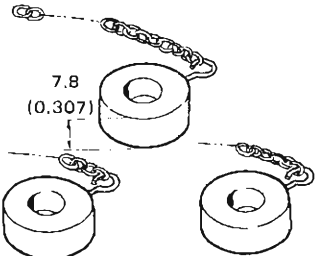
Fig. 11-4

SPECIAL SERVICE TOOL SE- 1

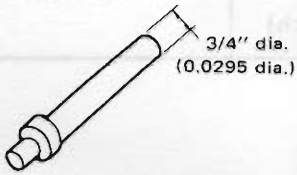
SE

SERVICE EQUIPMENT

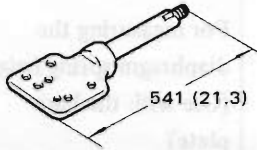
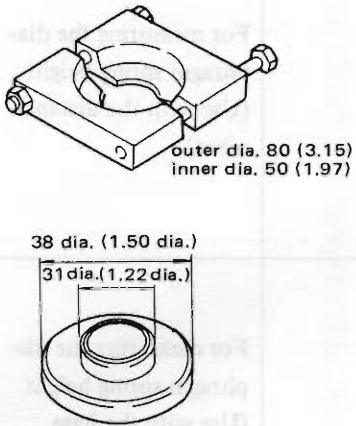
SPECIAL SERVICE TOOL

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. refer- ence page (See Fig. No.)
Clutch				
ST20630000 (ST44450000) Clutch aligning bar		For centering the clutch disk	130 HA30 521	Fig. CL-13
ST20240000 Height gauge		For measuring the diaphragm spring height (Use with the base plate)		Fig. CL-6
ST20051000 Clutch assembly base plate		For measuring the diaphragm spring height (Use with the distance piece)	130 510 521 4W73 60 41 C240 C80	Fig. CL-5
ST20058001 Clutch assembly distance piece		For measuring the diaphragm spring height (Use with the base plate)	510 521	Fig. CL-5

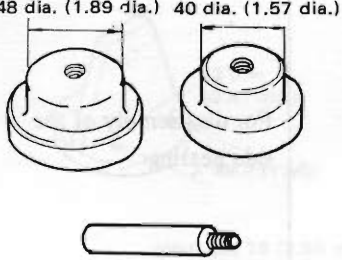
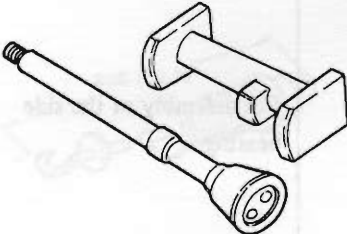
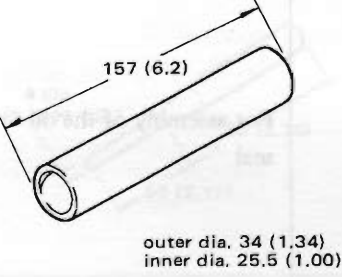
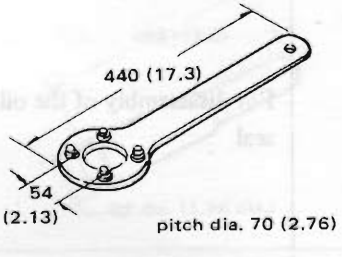
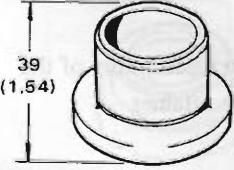
CHASSIS

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. refer- ence page (See Fig. No.)
ST20052000 Clutch assembly center pole		For measuring the dia- phragm spring height (Use with the height gauge)	130 C30 510 521 4W73 60 41 C240 C80	Fig. CL-6


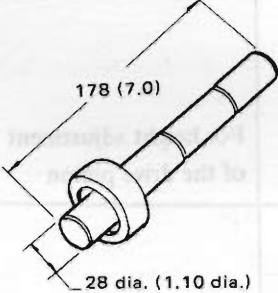
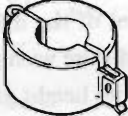
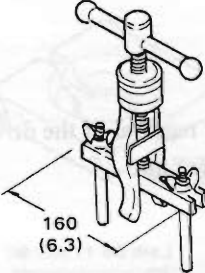
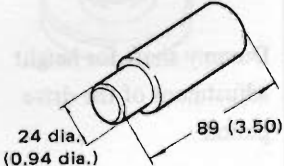
Differential carrier

ST06270000 (ST37400510) Gear carrier, strut, gear box attachment		Setting tool of gear carrier (Use with engine stand)	510 C10 C30	Fig. PD-3
ST30030000 (ST49280000) Drive pinion rear bearing inner bear- ing replacer set		For assembly and disas- sembly of the drive pinion bearing inner race	510 C10 C30 521	Fig. PD-9 Fig. PD-20

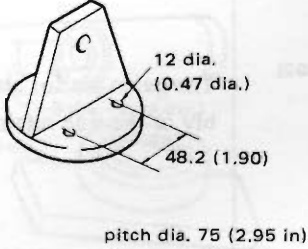
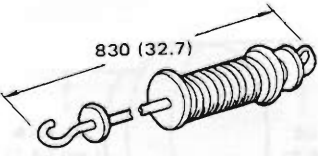
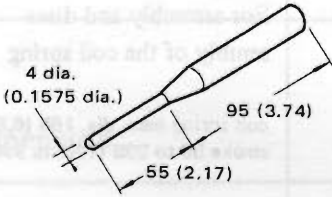
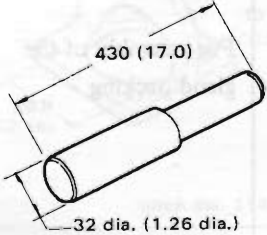
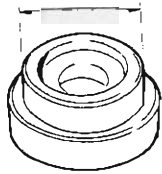
SERVICE EQUIPMENT

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. reference page (See Fig. No.)
ST30610000 (ST49290000) Drive pinion outer race drift kit		For assembly of the drive pinion bearing outer race	510	Fig. PD-10
ST31210000 (ST49300000) Gear carrier height gauge assembly		For height adjustment of the drive pinion	510	Fig. PD-19 Fig. PD-21
ST31500000 (ST49310000) Drive pinion collar		Dummy shaft for measurement of the drive pinion preload (Use with gear carrier height gauge)	510 C30	Fig. PD-21
ST31530000 (ST47340000) Drive pinion flange wrench		For removal of the drive pinion nut	130 HA30 C30 C10 510 521	Fig. PD-7
ST31850000 (ST49660000) Dummy spacer		Dummy shaft for height adjustment of the drive pinion	C30	Fig. PD-21

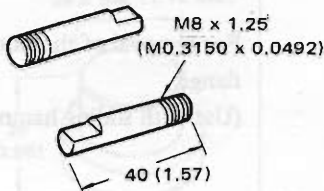
CHASSIS

Tool number (Former tool number) Tool name	Figure mm (inch)	Description		S.M. refer- ence page (See Fig. No.)
ST33012000 (ST46862000) Adaptor	 <p style="text-align: center;">28.5 dia. (1.12 dia.)</p> <p style="text-align: center;">25 (0.98)</p>	For disassembly of the side bearing	510 C30	Fig. PD-11
ST33230000 (ST49260000) Gear carrier side bearing drift	 <p style="text-align: center;">178 (7.0)</p> <p style="text-align: center;">28 dia. (1.10 dia.)</p>	For assembly of the side bearing	510 C30	Fig. PD-17
ST33270000 (ST49320000) Gear carrier oil seal drift		For assembly of the oil seal	510 C30	Fig. PD-14
ST33290000 (ST49240000) Gear carrier oil seal puller	 <p style="text-align: center;">160 (6.3)</p>	For disassembly of the oil seal	510 C30	Fig. PD-6
ST33710000 (ST49230000) Gear carrier side retainer attachment	 <p style="text-align: center;">24 dia. (0.94 dia.)</p> <p style="text-align: center;">89 (3.50)</p>	For disassembly of the side retainer	510 C30	Fig. PD-5

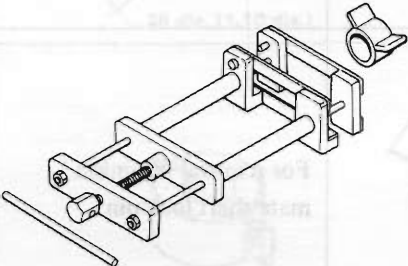
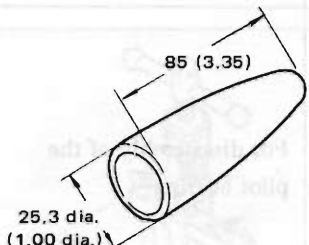
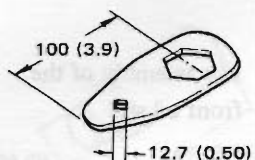
SERVICE EQUIPMENT

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. reference page (See Fig. No.)
ST33730000 (ST49250000) Gear carrier side flange stand		For removal of the side flange (Use with sliding hammer)	510 C30	Fig. PD-4
ST36230000 (ST46780000) Sliding hammer		For removing the side flange and rear axle shaft side flange (Use with rear axle stand or side flange stand)	All	Fig. PD-4 Fig. RA-22
ST23510000 (ST49270000) Differential locking pin punch		For removal of pinion mate shaft lock pin	510 C10 C30	Fig. PD-12
ST30650000 Pilot bearing drift		For disassembly of the pilot bearing		Fig. PD-8
ST33252000 (DT-49942000) Adaptor		For assembly of the front oil seal		Fig. PD-13

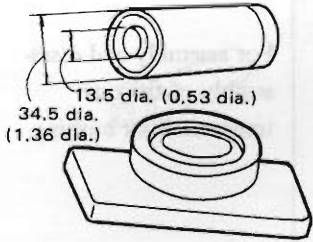
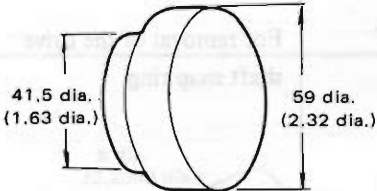
CHASSIS

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. reference page (See Fig. No.)
ST33720000 (DT-4933) Side retainer guide		The guide pin for assembly of the side retainer		Fig. PD-25

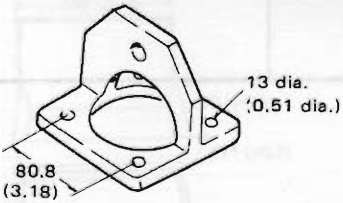
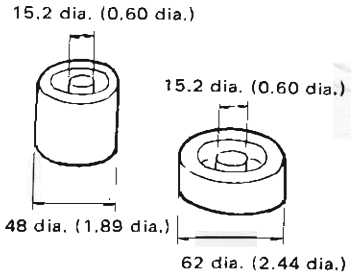
Front axle and suspension

ST35650000 Coil spring compressor set		For assembly and disassembly of the coil spring coil spring max. dia. 165 (6.5) stroke 50 to 239 (1.97 to 9.4)	510 C30 C10	Fig. FA-30
ST35540000 Gland packing guide		For assembly of the gland packing	New	Fig. FA-35
ST35500000 (ST4913A000) Gland packing wrench	 <p style="text-align: center;">width across flats; 55 (12.7)</p>	For tightening gland packing	510 C10 C30	Fig. FA-31 Fig. FA-37


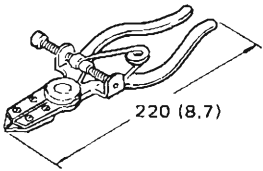
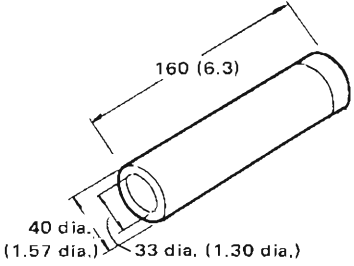
SERVICE EQUIPMENT

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. reference page (See Fig. No.)
ST36710000 Front transverse link bushing replacer		For assembly and disassembly	New	Fig. FA-46
ST35300000 Front wheel bearing drift		For assembly of the front wheel bearing	New	Fig. FA-19

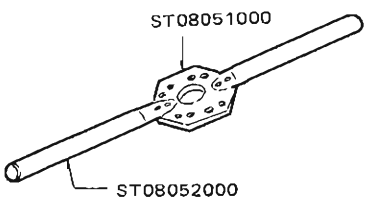
Rear axle and suspension

ST07640000 (ST46790000) Rear axle stand	 <p style="text-align: center;">pitch dia. 114.3 (4.5)</p>	For removal of the rear axle shaft (Use with sliding hammer)	510 C10 C30 B10	Fig. RA-21 Fig. RA-22
ST33260000 (ST49150000) Differential mounting member insulator drift set		For assembly and disassembly of the differential mounting member insulator	510 C30	Fig. RA-6

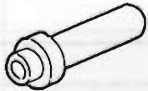
CHASSIS

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. reference page (See Fig. No.)
ST38800000 Rear transverse link bushing replacer		For assembly and disassembly of the rear transverse link bushing	New	Fig. RA-5
ST38300000 (ST49210000) Drive shaft snap ring plier		For removal of the drive shaft snap ring	510 C30	Page RA-11
ST37780000 Rear axle shaft outer bearing drift		For assembly of the rear wheel bearing (outer side)	New	Page RA-10

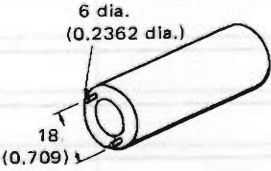
Master - Vac

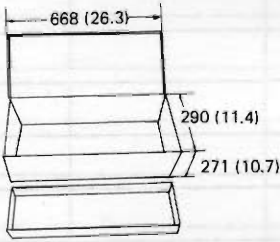
ST08050000 Master-Vac wrench set		For disassembly of the Master-Vac	C30	Fig. BR-45
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SERVICE EQUIPMENT

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. reference page (See Fig. No.)
ST08060000 Press fit tool		For assembly of the front oil seal retainer	C30	Fig. BR-53

Body electrical

ST08900000 Tumbler switch replacer		For assembly and disassembly of the tumbler switch		Fig. BE-31
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		Tool box for special service tool set		
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SERVICE EQUIPMENT

SERVICE JOURNAL OR BULLETIN REFERENCE

DATE	JOURNAL or BULLETIN No.	PAGE No.	JOURNAL or BULLETIN No.	SUBJECT	DATE

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