

SERVICE MANUAL

**DATSUN 240Z SPORTS
MODEL S30 SERIES
CHASSIS & BODY**

NISSAN

NISSAN MOTOR CO., LTD.
TOKYO, JAPAN

SECTION SE SERVICE EQUIPMENT

SPECIAL SERVICE TOOL SE- 1

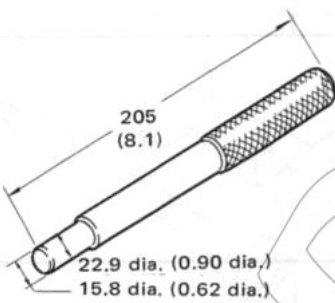
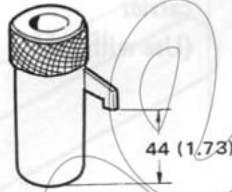
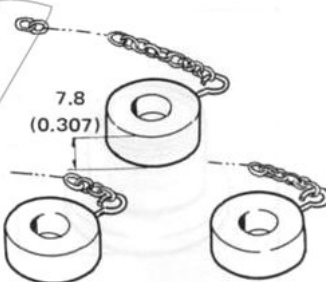
SE

SERVICE EQUIPMENT

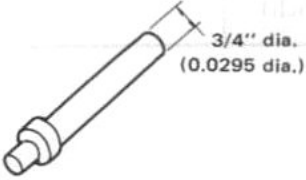
SPECIAL SERVICE TOOL

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. refer- ence page (See Fig. No.)
--	---------------------	-------------	------------------	---

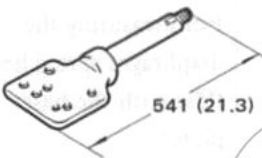
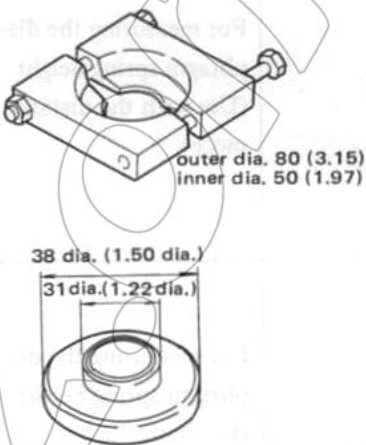
Clutch

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

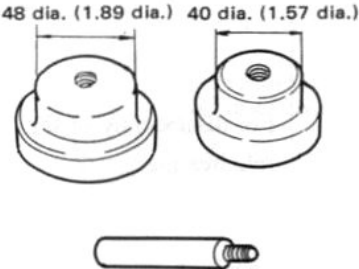
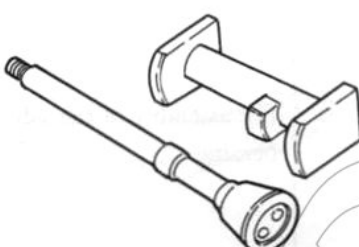
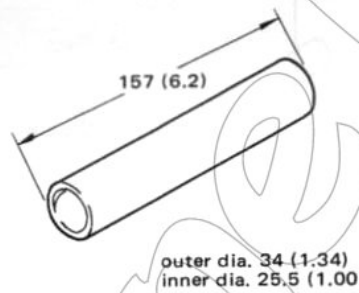
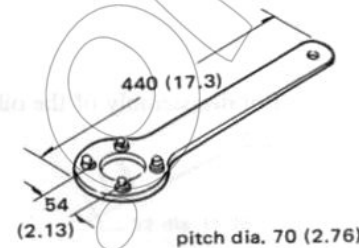
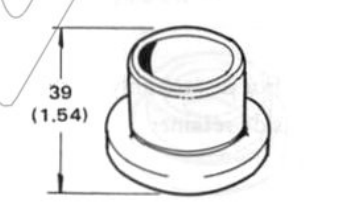
CHASSIS

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

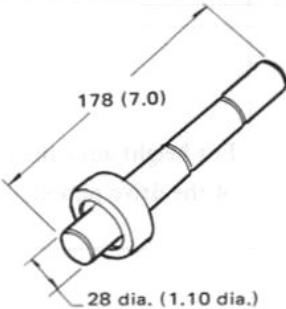
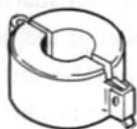
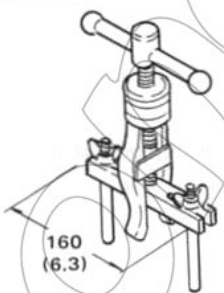
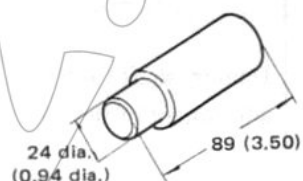
Differential carrier

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

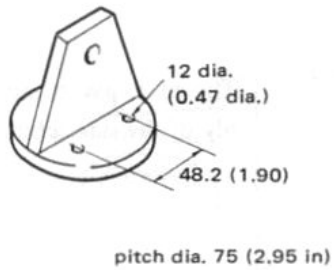
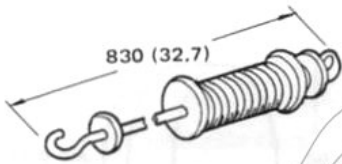
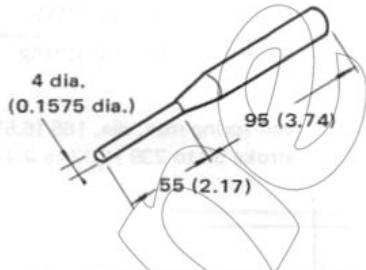
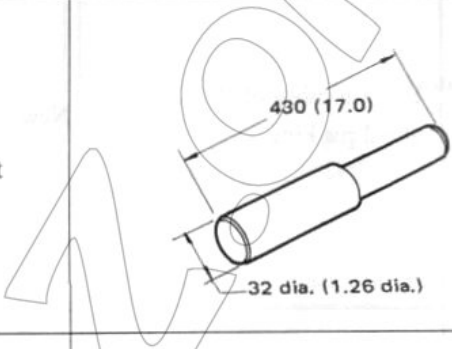
SERVICE EQUIPMENT

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. refer- ence 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 measure- ment of the drive pinion pre- load (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

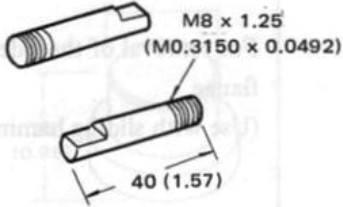
CHASSIS

Tool number (Former tool number) Tool name	Figure mm (inch)	Description		S.M. refer- ence page (See Fig. No.)
ST33012000 (ST46862000) Adaptor		For disassembly of the side bearing	510 C30	Fig. PD-11
ST33230000 (ST49260000) Gear carrier side bearing drift		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		For disassembly of the oil seal	510 C30	Fig. PD-6
ST33710000 (ST49230000) Gear carrier side retainer attachment		For disassembly of the side retainer	510 C30	Fig. PD-5

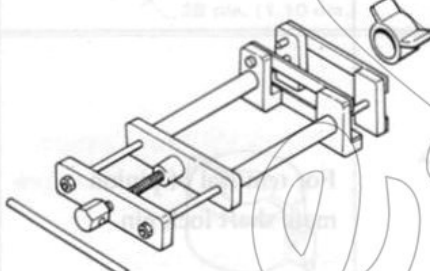
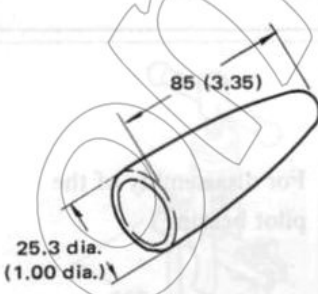
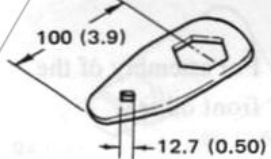
SERVICE EQUIPMENT

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. refer- ence 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

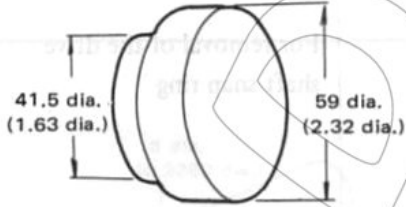
CHASSIS

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

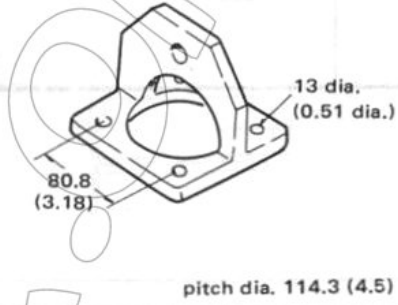
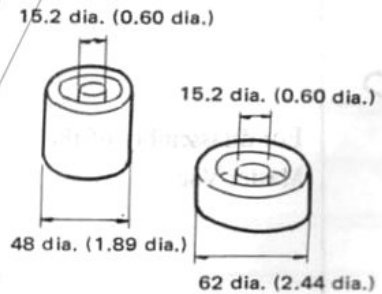
Front axle and suspension

ST35650000 Coil spring compressor set		For assembly and disas- sembly 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	 width across flats; 55 (12.7)	For tightening gland packing	510 C10 C30	Fig. FA-31 Fig. FA-37

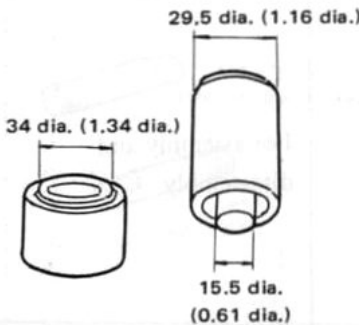
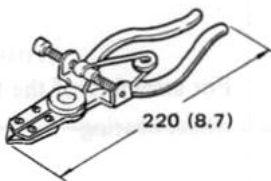
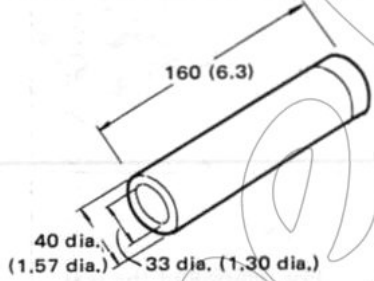
SERVICE EQUIPMENT

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. refer- ence 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

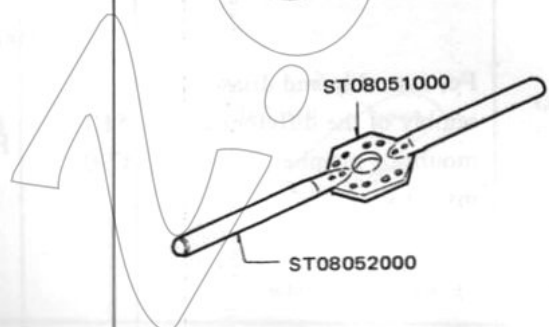
Rear axle and suspension

ST07640000 (ST46790000) Rear axle stand		For removal of the rear axle shaft (Use with sliding hammer)	510 C10 C30 B10	Fig. RA-21 Fig. RA-22
ST33260000 (ST49150000) Differential mount- ing member insulator drift set		For assembly and disas- sembly of the differential mounting member insulator	510 C30	Fig. RA-6

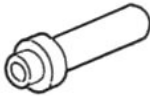
CHASSIS

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. refer- ence page (See Fig. No.)
ST38800000 Rear transverse link bushing replacer		For assembly and disas- sembly 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

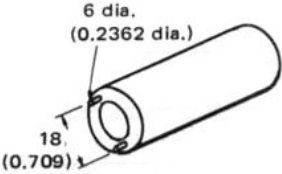
Master - Vac

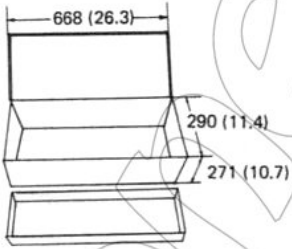
ST08050000 Master-Vac wrench set		For disassembly of the Master-Vac	C30	Fig. BR-45
--	---	--------------------------------------	-----	------------

SERVICE EQUIPMENT

Tool number (Former tool number) Tool name	Figure mm (inch)	Description	Applied model	S.M. refer- ence 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 disas- sembly of the tumbler switch		Fig. BE-31
--	---	--	--	------------

		Tool box for special service tool set		
--	---	--	--	--