

**GENESIS COUPE(BK) >2010 > G 2.0 DOHC > Driveshaft and axle > General Information > Specifications**

**Specification**

Items		Inner side		Outer side	
Rear drive shaft	Joint type	TSJ		BJ	
	Max. permissible angle	28.5°		15°	
	Backlash	M/T : 0.4° below A/T : 0.6° below			
Differential	Oil type	Hypoid gear oil (API GL-5, SAE 75W/90)			
	Oil capacity (L)	About 1.4			
	Reduction gear type	Hypoid gear			
	Reduction gear ratio	Theta 2.0 AT	Theta 2.0 MT	Lambda 3.8 AT	Lambda 3.8 MT
		3.909		3.727	3.538
	Final drive gear backlash mm(in.)	0.10~0.15			

**Tightening Torque**

Items		Nm	Kgf.m	lb-ft
Front	Wheel nut	88.3~107.9	9~11	65.1~79.6
	Strut assembly lower mounting bolt	137.2~160	14~16	101.1~115.7
	Break caliper mounting bolt	49~58.8	5~6	36.1~43.3
	Wheel speed sensor mounting bolt	6.9~10.8	0.7~1.1	5.1~8.0
	Break disc mounting screw	4.9~5.9	0.5~0.6	3.6~4.3
	Hub assembly mounting bolt	78.5~98.1	8~10	57.9~72.3
	Lower arm ball joint mounting bolt	98.1~117.7	10~12	72.3~86.8
	Tie rod end ball joint mounting nut	78.4~88.2	8~9	57.8~65.0
Rear	Wheel nut	88.3~107.9	9~11	65.0~75.6
	Driveshaft castle nut	196.1~255.0	20~26	144.7~188.1
	Shock absorber upper mounting bolt	44.1~58.8	4.5~6	32.5~43.3
	Break caliper mounting bolt	49.1~58.8	5~6	36.1~43.4
	Wheel speed sensor mounting bolt	6.9~10.8	0.7~1.1	5.1~8.0
	Break disc mounting screw	4.9~5.9	0.5~0.6	3.6~4.3
	Hub assembly mounting bolt	78.5~88.3	8~9	57.9~65.1
	Upper arm ball joint mounting nut	98.1~117.7	10~12	72.3~86.8
	Lower arm mounting bolt	137.3~156.9	14~16	101.3~115.7
	Assist arm ball joint mounting nut	98.1~117.7	10~12	72.3~86.8
	Trailing arm mounting bolt	98.1~117.7	10~12	72.3~86.8

**CAUTION**

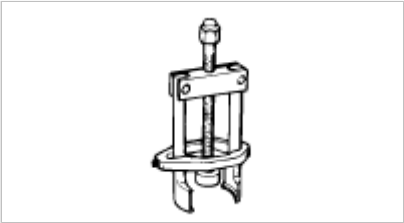



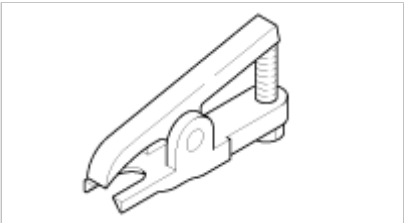

Replace self-locking nuts with new ones after removal.

Lubricants

Items		Lubricants	Quantity
Rear driveshaft	BJ	RBA	115 ± 5g
	TSJ	RBA	130 ± 5g

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**Special Service Tools**

<b>Tool(Number and Name)</b>	<b>Illustration</b>	<b>Use</b>
09495-33000Puller		Removal of spider assembly from a drive shaft.
09517-43101Working base		Support for the differential carrier
09517-43500Adapter		Support for the differential carrier(Use with 09517-43101)
09495-3K000Band installer		Installation of ear type boot band
09568-34000Ball joint remover		Removal of the rear upper arm ball joint
09568-4A000Ball joint remover		Removal of the front lower arm and tie rod end ball joint

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**Troubleshooting**

<b>Trouble Symptom</b>	<b>Probable cause</b>	<b>Remedy</b>
Vehicle pulls to one side	Scoring of driveshaft ball joint	Replace
	Wear, rattle or scoring of wheel bearing	Replace
	Defective front suspension and steering	Adjustment or Replace
Vibration	Wear, damage or bending of driveshaft	Replace
	Driveshaft rattle and hub serration	Replace
	Wear, rattle or scratching of wheel bearing	Replace
Shimmy	Defective wheel balance	Adjustment or Replace
	Defective front suspension and steering	Adjustment or Replace
Excessive noise	Wear, damage or bending of driveshaft	Replace
	Rattle of driveshaft and worn hub splines	Replace
	Wear, rattle or scoring of wheel bearing	Replace
	Loose hub nut	Adjustment or Replace
	Defective front suspension and steering	Adjustment or Replace