

Specification

Items		Inner side	Outer side
Front driveshaft	Joint type	CWTJ#24	BJ#24
	Max. permissible angle	26°	46.5°
Rear driveshaft	Joint type	LTJ#20	LBJ#20
	Max. permissible angle	20°	
Rear differential	Oil type	Hypoid gear oil API GL-5, SAE 75W/85	
		(SK HCT-5 gear oil 75W85 equivalent)	
	OIL capacity (L)	0.58 ± 0.05	
	Gear type	Hypoid	
	Diff ratio	2.533	
	Hypoid gear backlash	0.07 - 0.15 mm (0.0028 - 0.0059 in.)	
	Diff gear backlash	0.01 - 0.06 mm (0 - 0.0023 in.)	

Tightening torque

Items		N.m	kgf.m	lb-ft
Front	Tire wheel hub nut	107.9 - 125.5	11.0 - 13.0	79.6 - 94.0
	Driveshaft castle nut	294.2 - 313.8	30.0 - 32.0	217.0 - 231.5
	Strut assembly lower mounting bolt	156.9 - 176.5	16.0 - 18.0	115.7 - 130.2
	Brake caliper mounting bolt	98.1 - 117.7	10.0 - 12.0	72.3 - 86.8
	Wheel speed sensor mounting bolt	6.9 - 10.8	0.7 - 1.1	5.1 - 8.0
	Brake disc mounting screw	4.9 - 5.9	0.5 - 0.6	3.6 - 4.3

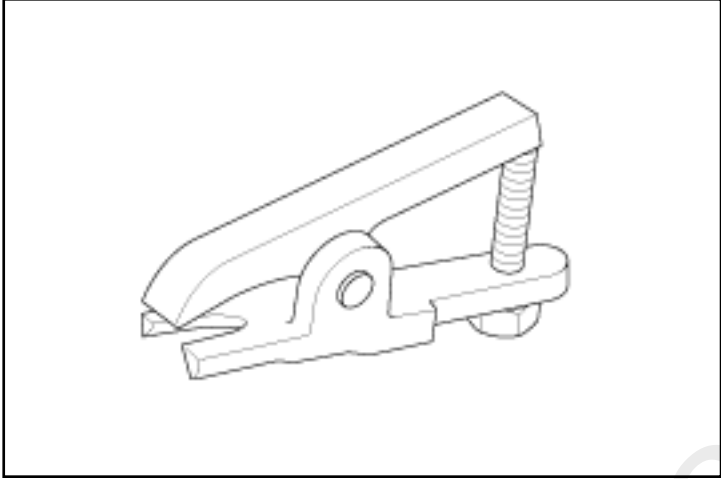
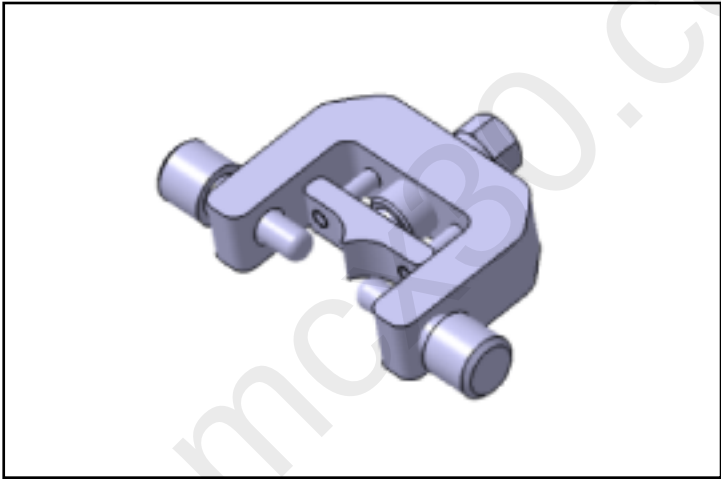
	Hub assembly mounting bolt	78.5 - 98.1	8.0 - 10.0	57.9 - 72.3
	Upper roll rod bracket bolt	(A) 107.9 - 125.5	11.0 - 13.0	79.6 - 94.0
		(B) 49.0 - 63.7	5.0 - 6.5	36.2 - 47.0
	Lower arm ball joint mounting bolt	98.1 - 117.7	10.0 - 12.0	72.3 - 86.8
	Tie rod end ball joint mounting nut	98.1 - 117.7	10.0 - 12.0	72.3 - 86.8
Rear	Tire wheel hub nut	107.9 - 125.5	11.0 - 13.0	79.6 - 94.0
	Driveshaft castle nut	294.2 - 313.8	30.0 - 32.0	217.0 - 231.5
	Shock absorber lower mounting nut	137.3 - 156.9	14.0 - 16.0	101.3 - 115.7
	Brake caliper mounting bolt	78.5 - 98.1	8.0 - 10.0	57.9 - 72.3
	Wheel speed sensor mounting bolt	8.8 - 13.7	0.9 - 1.4	6.5 - 10.1
	Brake disc mounting screw	4.9 - 5.9	0.5 - 0.6	3.6 - 4.3
	Hub assembly mounting bolt	98.1 - 117.7	10.0 - 12.0	72.3 - 86.8
	Upper arm mounting bolt	137.2 - 156.9	14.0 - 16.0	101.2 - 115.7
	Lower arm mounting bolt	137.2 - 156.9	14.0 - 16.0	101.2 - 115.7
	Assist arm ball joint mounting nut	137.2 - 156.9	14.0 - 16.0	101.2 - 115.7
	Trailing arm mounting bolt	98.1 - 117.7	10.0 - 12.0	72.3 - 86.8

propeller shaft	Front propeller shaft mounting bolt	49.0 - 68.6	5.0 - 7.0	36.2 - 50.6
	Propeller shaft center bearing bracket mounting bolt	49.0 - 68.6	5.0 - 7.0	36.2 - 50.6
	Rear propeller shaft mounting bolt	49.0 - 68.6	5.0 - 7.0	36.2 - 50.6
Rear Differential	Rear differential mounting bolt	78.5 - 88.3	8.0 - 9.0	57.9 - 65.1
	Differential cover mounting bolt	39.2 - 49.0	4.0 - 5.0	28.9 - 36.2
	Rear differential drain plug	49.0 - 68.6	5.0 - 7.0	36.2 - 50.6
	Rear differential filler plug	39.2 - 58.8	4.0 - 6.0	28.9 - 43.4

Lubricants

Items			Lubricants	Quantity
Front driveshaft	BJ 25	R 2.0	RBA	115 (+10/0)g
	CWTJ 25	GAMMA II 1.6	CW-13TJ	180 (+10/0)g
Rear driveshaft	BJ 20	4WD	RBA	40 (+10/0)g
	TJ 20		CW-13TJ	65 (+10/0)g

Special Service
Tools

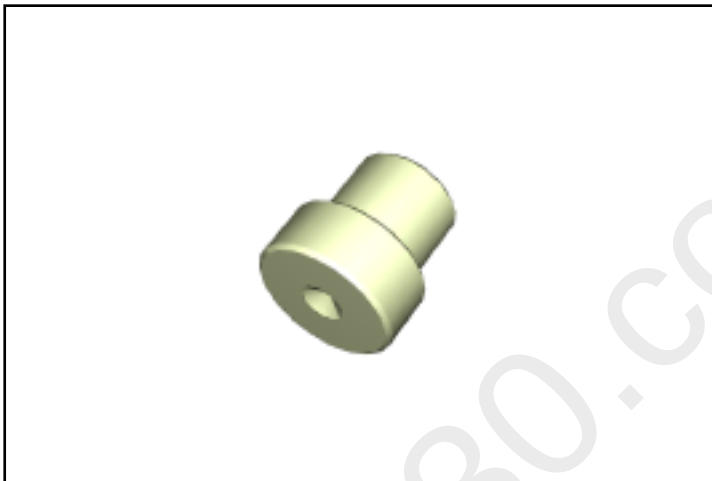
Tool (Number and Name)	Illustration	Use
Ball joint remover 09568- 1S100		Removal of the tie rod end ball joint.
Lower arm ball joint remover 09568- 4R100		Removal of the lower arm ball joint.
Band installer 0K495- C5000		Used for installing ear type boot band

Band
installer
09495-
39100



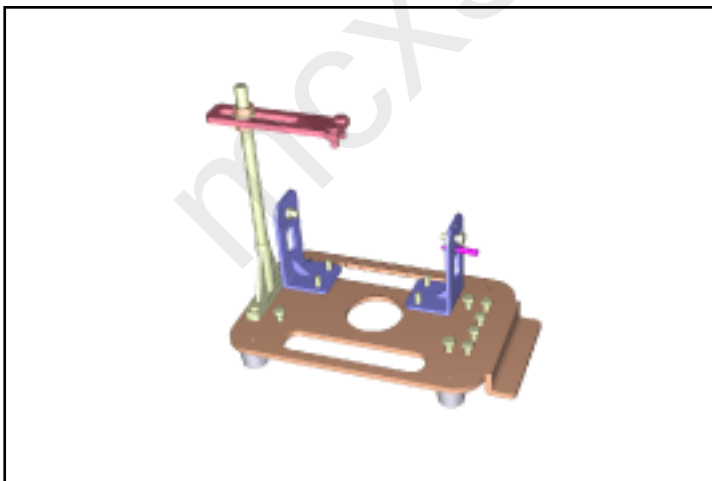
Used for installing hook type boot
band

Differential
bearing
remover
09501-
C9200

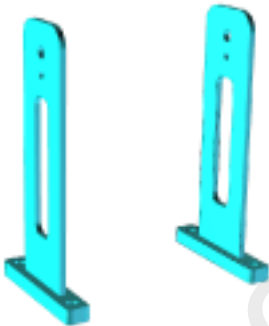


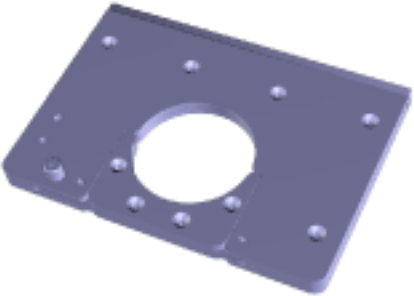
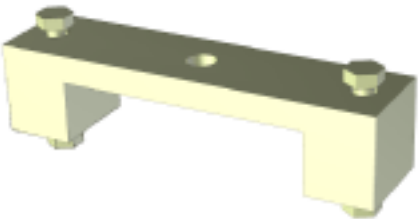
Used for removal of differential
gear bearing

Differential
assembly
working
stand base
09501-
C9231

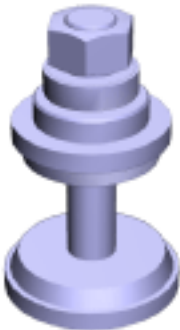
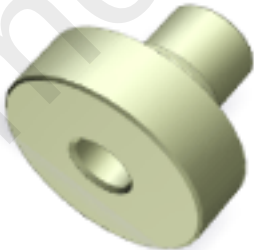


Used for working on the
differential carrier assembly
(Use with 0K530-P2500, 0K501-
P2232)

Rear differential assembly working stand adapter 0K530-P2500	 A 3D rendering of a blue circular adapter with a central purple component and two red pins.	Used for working on the differential carrier assembly (Use with 09501-C9231, 0K501-P2232)
Sub support 0K501-P2232	 A 3D rendering of two cyan L-shaped support brackets.	Used for working on the differential carrier assembly (Use with 09501-C9231, 0K530-P2500)
Bearing remover 09501-C9310	 A 3D rendering of a purple ring-shaped bearing remover with two internal slots.	Used for removal of the bearing (Use with 09452-2E000)

Bearing remover 09452-2E000		Used as main body when removing the bearing (Use with 09501-C9310)
Bearing race remover (Main body) 09501-C9140		Used for removal of the bearing race (Main body only)
Bearing race remover 09501-C9320		Used for removal of the outside bearing race

Bearing race remover 09501- C9330		Used for removal of the inside bearing race
Rear differential bearing installer 0K530- P2300		Used for installing the differential gear bearing
Rear differential bearing installer 0K530- P2200		Used for installing the pinion bearing race

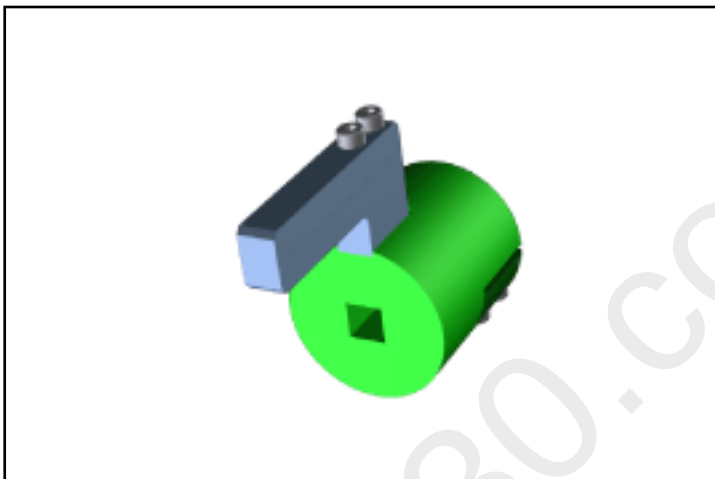
Pinion bearing race installer 09501-C9340		Removal & Installation of the differential assembly working stand.
Pinion oil seal installer 0K530-P2100		Used for installing the pinion oil seal (Use with 09231-H1100)
Differential oil seal installer 09501-C9190		Used for installing differential case side oil seal (Use with 09231-H1100)

Handle
09231-
H1100



Using with 0K530-P2100, 09501-
C9190

Backlash
measurement
supporter
0K530-
P2400



Used to measure the backlash

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