

SHTS055150200007

1 Lock nut	9 Cylindrical roller bearing	17 Spider
2 Flange yoke coupling	10 Retainer ring	18 Hypoid ring gear
3 Oil seal	11 Differential carrier case	19 Collar
4 Taper roller bearing	12 Adjusting nut	20 Bearing cap
5 Bearing cage	13 Differential case	21 Lock plate
6 Adjusting shim	14 Thrust washer	22 Bolt (If so equipped)
7 Spacer	15 Differential side gear	
8 Hypoid pinion	16 Differential pinion gear	

Tightening torque

Unit: N·m {kgf·cm, lbf·ft}

A 167-223 {1,700-2,300, 123-166}	E 19-25 {190-260, 14-18}
B 344-460 {3,500-4,700, 254-336}	F 461-559 {4,700-5,700, 340-412}
C 19-25 {190-260, 14-18}	G 246-294 {2,500-3,000, 181-216}
D 589-781 {6,000-8,000, 434-578}	

OVERHAUL

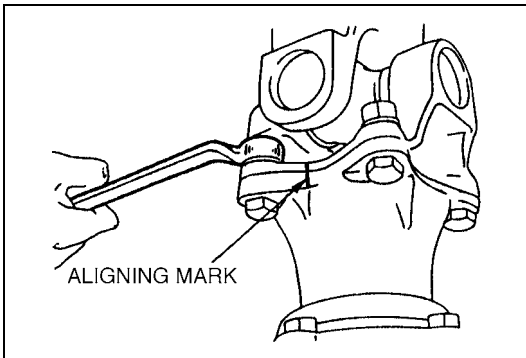
EN0551502H200001

IMPORTANT POINTS - DISMOUNTING

1. DISCONNECT THE PROPELLER SHAFT.

NOTICE

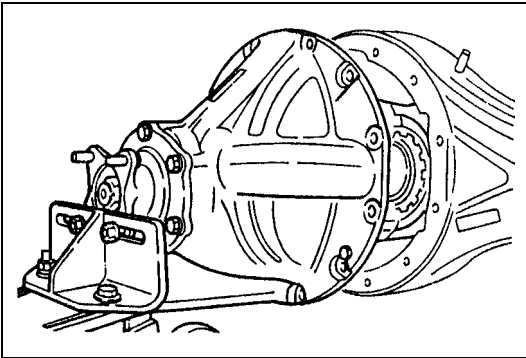
Make aligning marks before disassembling.



SHTS055150200008

2. DISMOUNT THE DIFFERENTIAL CARRIER ASSEMBLY.

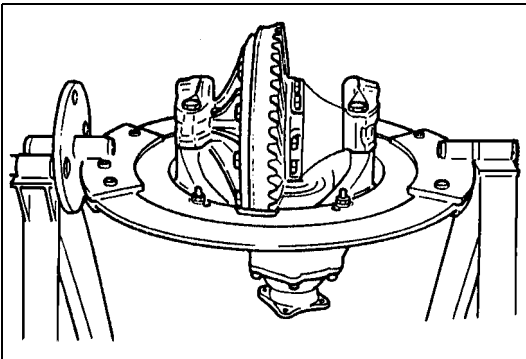
- (1) Drain the gear oil and remove the axle shaft.
- (2) Using a jack, dismount the differential carrier assembly.



SHTS055150200009

IMPORTANT POINTS - DISASSEMBLY

1. MOUNT THE DIFFERENTIAL CARRIER ASSEMBLY ON A WORK STAND.



SHTS055150200010

2. DIFFERENTIAL CASE

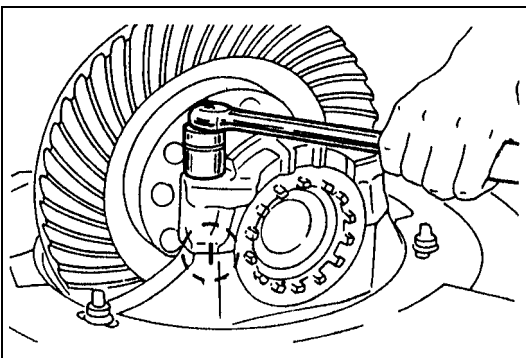
- (1) Remove the bearing cap.

NOTICE

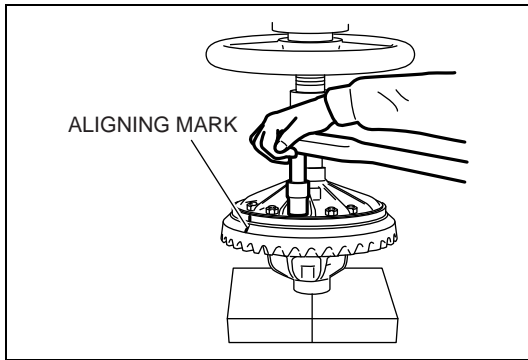
Make aligning marks before disassembling.

SST: Socket Wrench (S0983-93003)

- (2) Using a puller, remove the taper roller bearing.



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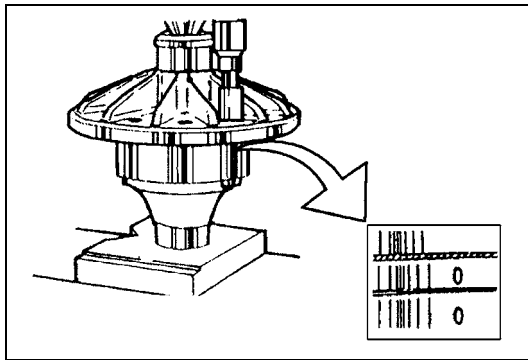


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- (3) Dismounting the ring gear
 - a. Make aligning mark both the differential case and the ring gear.
 - b. Using press, fix the differential gear assembly.
 - c. Remove the bolts, nuts (Gear ratio 6.428: bolts only) and then ring gear.

NOTICE

Be careful not to drop the ring gear.

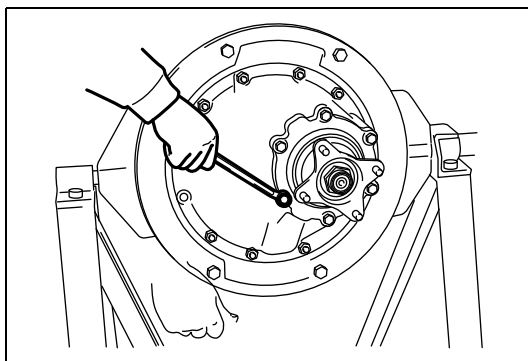


SHTS055150200013

- (4) Disassemble the differential case.

NOTICE

Be sure to check the aligning marks on the differential case before disassembling. Remove the bolts and nuts so that the case separates.



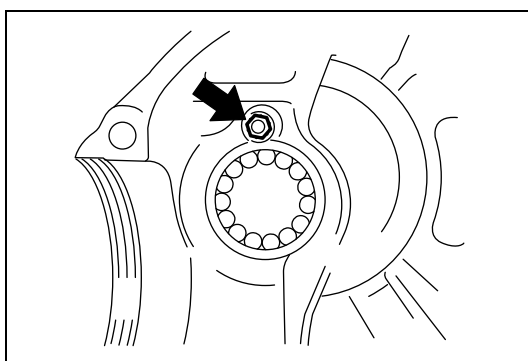
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3. HYPOID PINION

- (1) Remove the bolts and then dismount the hypoid pinion and the shims.

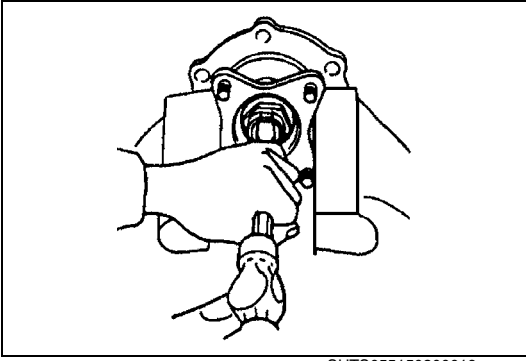
NOTICE

Make aligning mark the differential cage and differential carrier.



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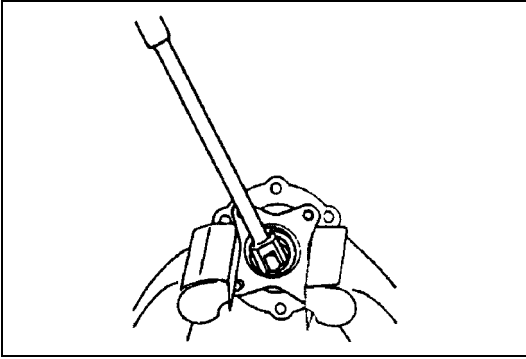
- (2) Remove the bolts, nuts, and washers.
- (3) Using brass bar and hammer, knock through the cylindrical roller bearing outer race.



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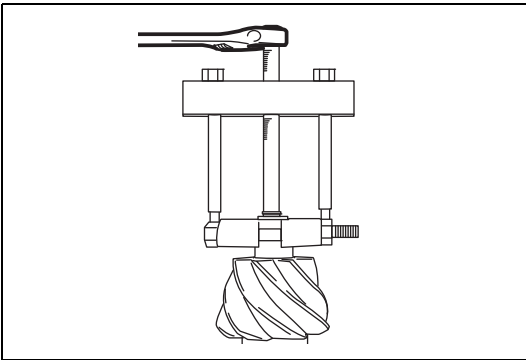
4. BEARING CAGE

- (1) Uncaulk the lock nut and remove the nut.
SST: Socket Wrench (S0983-95501)



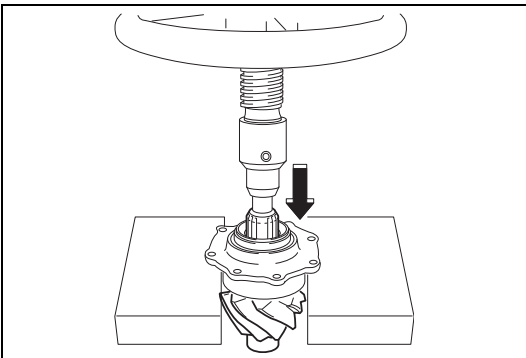
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- (2) Using a puller, remove the cylindrical roller bearing inner race.



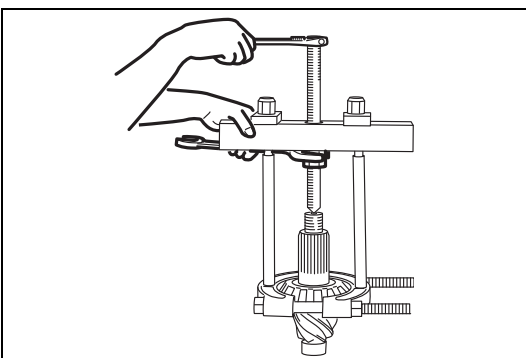
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- (3) Using a press, remove the hypoid pinion.



SHTS055150200019

- (4) Using a puller, remove the taper roller bearing inner race.



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