

DIFFERENTIAL SYSTEM

PRECAUTION

2902J-02

NOTICE:

- Before disassembly, clean the outside of the rear differential assy and remove any sand or mud to prevent it from entering the inside of the assembly during disassembly and reassembly.
- When removing a connected part made of light alloy such as a rear differential carrier cover, tap it off with a plastic hammer. Do not attempt to pry it off with a screwdriver.
- Always arrange disassembled parts in order and protect them from dust.
- Before reassembly, thoroughly clean and dry each part and then apply hypoid gear oil API GL-5 to them. Do not use alkaline cleaner for aluminum or rubber parts or ring gear set bolts. Also, do not clean rubber parts such as O-rings or oil seals with white gasoline.
- Coat any sliding surface and rotating part with hypoid gear oil API GL-5.
- When holding a component part in a vise, be sure to place an aluminum sheet under the part. Do not put components directly in the vise.
- Be careful not to damage the contact surfaces of the case. Such damage may cause oil leakage.
- Before applying sealant, remove deposited oil sealant and clean the part to be sealed using white gasoline.
- Do not input oil immediately after installing sealed parts. Leave it for at least 1 hour.
- Damage on the surface being contact with an oil seal, O-ring or gasket may cause oil leakage. Special attention should be paid.
- When press-fitting an oil seal, be careful not to damage the oil seal lip or outside periphery.
- When replacing a bearing, replace the inner and outer races as a set.
- Use genuine Differential synthetic gear oil GL-5 75W-90 or equivalent.