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# DIFFERENTIAL SYSTEM

## PRECAUTION

1. Before disassembly, clean the outside of the front and rear differential assembly and remove any sand and mud to prevent it from entering the assembly during disassembly and installation.
2. When removing connected parts made of a light alloy, such as front and rear differential carrier covers, tap them off with a plastic hammer. Do not attempt to pry them off with a screwdriver.
3. Always arrange disassembled parts in order and protect them from dust.
4. Before installation, thoroughly clean and dry each part and then apply hypoid gear oil LSD to it. Do not use alkaline cleaner for aluminum or rubber parts and ring gear set bolts. Also, do not clean rubber parts such as O-rings or oil seals with white gasoline.
5. Coat all sliding surfaces and rotating parts with hypoid gear oil LSD.
6. When holding components in a vice, be sure to place an aluminum sheet under the M part. Do not put them directly in the vice.
7. Be careful not to damage the contact surfaces of the case. Such damage could cause oil leakage.
8. Before applying sealant, remove any deposited oil sealant and clean the part to be sealed using white gasoline.
9. Do not supply oil immediately after installing sealed parts. Leave them for at least an hour.
10. Damage to the surfaces in direct contact with oil seals, O-rings or gaskets could cause oil leakage. Special attention should be paid.
11. When press-fitting an oil seal, be careful not to damage the oil seal lip and outside periphery.
12. When replacing a bearing, replace the inner and outer races as a set.

# PARTS LOCATION

**DF**

