

Allison (OshKosh) Transfer Case Service

DO NOT USE POWER TOOLS TO REMOVE FILTER COVERS

Every 2,500 Miles (125 Hours) Check Fluid Levels

Fluid Should Come to Bottom of Filler Plug Hole.

Every 5,000 Miles (250 Hours):

Drain Housing While Hot

Refill with Motor Oil - SAE 50W

See Transfer Case Lubrication & Capacity Guide Below.



NOTE

Allison Transmissions delivered with ~~the~~ ~~5~~ ~~synthetic~~ ~~fluid~~ ~~have~~ ~~extended~~ ~~oil~~ ~~change~~ ~~intervals~~. Consult your Allison manual for fluid and filter change intervals.

CAUTION

Use only hand tools to replace Allison filter covers to prevent stripping cover fasteners from the aluminum housing.

4. TRANSFER CASE

Every 2,500 miles or 125 hours of operation check levels. Every 5,000 miles or 250 hours, drain housing while hot. Refill with motor oil conforming to API service SE-CC, SAE 50W (MIL-L-2104C). Refer to the following chart for the oil capacity for your specific model. Do not use hypoid or EP gear lubricants. Fill to the bottom of the filler plug holes on the rear case half (Steel Series) the front case half (Aluminum) and the front declutch housing. Fill the declutch housing first with approximately 1/2 pint oil, then fill the case. Refer to Group 295-Transfer Case Assembly for additional lube information.

Table 1. Transfer Case Lubricant Capacities

Transfer Case Model	Total Oil Capacity (Case and Declutch Housing)
20,000 Series - 2 Speed	13 pints (6.1 liter)
21,000 Series- 2 Speed 1:1 Ratio	11 pints (5.2 liters)
Aluminum Series - 2 Speed 1:1 Ratio	14 pints (6.6 liters)

4.1 Oshkosh® Aluminum Series.

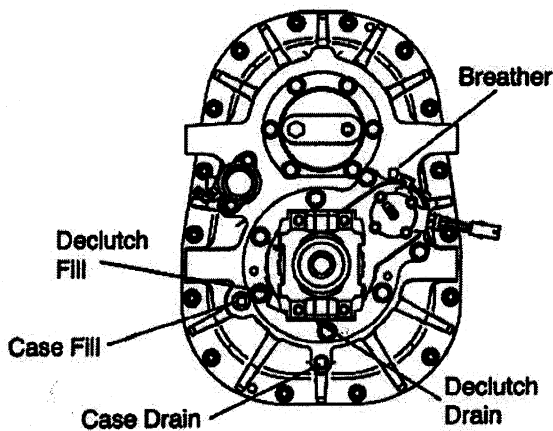
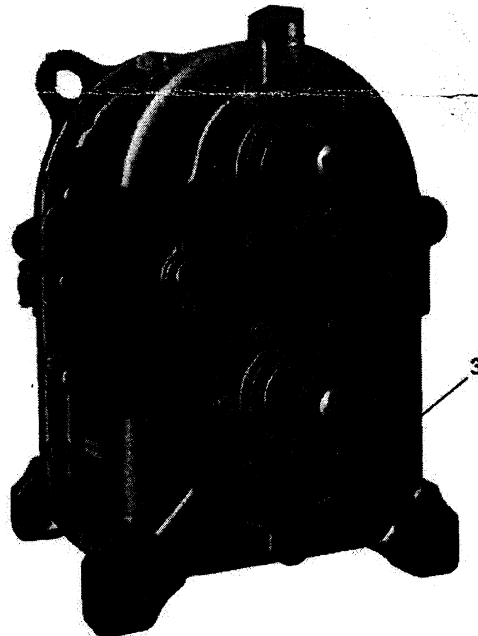
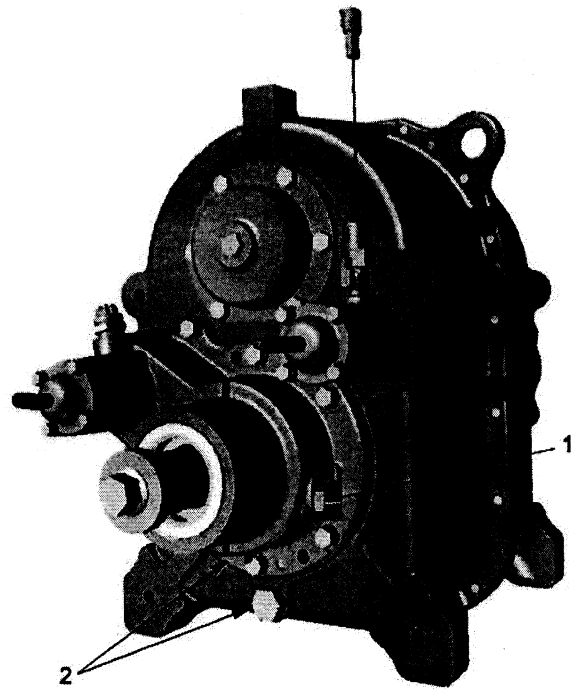


Figure 4. Aluminum Transfer Case Plug Locations

4.2 Oshkosh® 20,000/21,000 Series.



- 1. Fill/level plug (declutch housing)
- 2. Drain plugs
- 3. Fill/level plug

Figure 5. 20,000/21,000 Series Steel Transfer Case Plug Locations