

10. Crankcase/Crankshaft/Transmission

Service Information	10-1
Troubleshooting	10-1
Crankcase Separation/Combination	10-2
Transmission Removal/Installation	10-4
Main Shaft/Counter Shaft Disassembly/Assembly	10-5
Crankshaft Removal/Installation	10-6
Main Bearing Selection	10-8

事前に外装部品を分解

Service Information

- The crankcase must be separated for crankshaft and transmission repair.
- The following parts must be removed before disassembling the crankcase.
- Mark and store the connecting rods and connecting rod bearing caps to ensure the correct reassembly.

Troubleshooting

Hard to Shift

- Incorrect clutch adjustment (Too much free play)
- Bent shift fork shaft
- Damaged shift spindle
- Damaged shift drum guide grooves
- Damaged shift drum guide pin

Transmission Jumps Out of Gear

- Worn gear dogs
- Bent shift fork shaft
- Damaged shift drum stopper
- Worn shift drum guide grooves
- Worn gear shift fork claw

Excessive Noise

- Worn connection rod big end bearings
- Bent connecting rod
- Worn crankshaft main bearing
- Worn transmission gear