

SERVICE TRAINING



R380 GEAR BOX



Problem With	Noise heard
Flywheel Bush / Bearing.	(aka spigot bearing) worn - noise when clutch engaged, box in gear seized - difficulty changing gear
Clutch Release Bearing.	worn - noise when declutched - squeaks
Inputshaft Bearing	noise in neutral, clutch engaged, least in 4th gear engine speed and load related
Pilot Bearing - front of Mainshaft.	no noise in 4th gear progressively more noise in lower gears
Layshaft Bearing (3 of).	noise under load in all gears, less in 4th gear
Mainshaft Bearing (2 of).	noise under load, all gears, least in 4th road speed related
5th Gear. bearing	silent in 5th, noise in all other gears
Reverse Gear. bearing	silent in revers, noise in all other gears
1st Gear. bearing	silent in 1st, noise in all other gears
2nd Gear. bearing	silent in 2nd, noise in all other gears
3rd Gear. bearing	silent in 3rd, noise in all other gears
Reverse Gear Idler.	silent in reverse, noise in all other gears
A Damaged Gear.	noise in that gear
Jumping out of gear	worn gear and/or selector teeth
Too Much Endfloat.	clonking on take-up / over-run