

DRIVE BELT ADJUSTMENT

Refer to Figure 11

The drive belts (5), Figure 8, should be adjusted to have 1/4" (6 mm) deflection mid-way between the sheaves under a 4 lb. (18 N) load.

Loosen the hardware in position (1 & 2) and adjust the belt tension by screwing and unscrewing bolts (3 & 4). When proper tension is reached, set with jam nuts and retighten all fixing hardware.

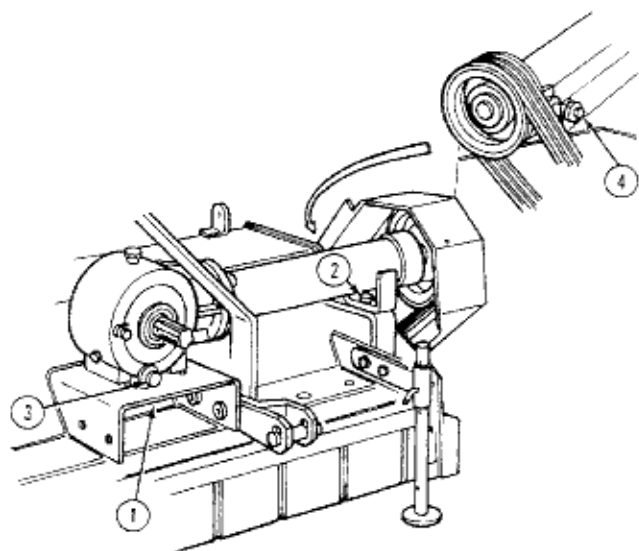


Figure 11
Belt Adjustment

- | | |
|-------------------------------|-------------------------------|
| 1. Bolts - M12x30 mm | 4. Adjusting Bolt - M14x60 mm |
| 2. Bolts - M12x40 mm | |
| 3. Adjusting Bolt - M14x60 mm | |

CHANGING GEARBOX ROTATION

Refer to Figure 12

1. Remove the drain plug and drain the oil.
2. Remove the bolts (6), securing the rear gearbox cover (1) and side shaft support. Tap on the input shaft to loosen the cover. Disengage the side shaft.
3. Pry the rear cover and bearing off the input shaft (7).
4. Remove the input shaft from the gearbox.

5. Remove the gear (8), shim (9), and keys (4) from the shaft. Remove the spacer (3) and shim (7) from the other end of the shaft.
6. Install the gear with the keys and the shim to the end of the shaft that the spacer was removed from. Install the spacer and the shim to the opposite end of the shaft.
7. Install the cover and the side shaft support, setting the gear properly see Gearbox Reassembly step 8 in this section. Replace the old gaskets.
8. Install the drain plug. Fill the gearbox with 3 pints (1.4 L) of FNH gear oil 9821006.

BLADE REMOVAL

Refer to Figure 13

IMPORTANT: Never operate the mower with blades missing.

The standard cut blades that are shipped on the machine are an universal type blade.

When replacing blades, use only M12x1, 25x70 mm ASTM Class 10.9 bolts to attach the blade to the carrier assembly.

1. Remove the nut, (4). Hold the head of the bolt, (1), so it cannot turn, otherwise the rectangular plate, (2), will be destroyed.
2. Pull out the bolt, (1), while catching the spacers, (3), and blade, (5). Remove the rectangular plate, (2).

BLADE INSTALLATION

Refer to Figure 13

1. Assemble the rectangular plate, (2), on the bolt, (1).
2. Position the blade, (5), in the carrier bracket with a spacer, (3), on each side as shown.
3. Install the bolt so that one of the rectangular plate tabs is on the bolt head and the other is on the blade carrier bracket as shown. This will prevent the bolt from turning during operation.
4. Install a new lock nut and torque to 93 ft.-lbs. (126 N·m).