

Walterscheid Australia

INSTRUCTIONS FOR SETTING AN “AFC TYPE” CLUTCH



**** CAUTION ****

DO NOT ENTER THE MACHINE AREA UNTIL THE ROTATING PARTS HAVE COME TO A HALT!

The AFC-1000 and 2000 series clutches can operate over a wide range of overload torque settings depending on the compression of the clamping springs. The required torque setting depends on the power requirements of the implement being driven by the tractor PTO shaft and the conditions that the implement is operating in.

The clutch torque setting should therefore be set in the field.

The spring compression (torque setting) should be reduced by backing off the adjusting nuts evenly until the clutch starts to slip under normal load. The spring compression should then be increased by tightening the nuts evenly so that no slippage occurs under normal operating conditions. Make sure that the clutch does slip under overload conditions. This will be evident by a mild amount of heat being generated in the clutch. Excessive heat indicates that the clutch torque is set too low and that excessive slippage is occurring.

Ongoing maintenance – after lengthy periods of non-use, the friction clutch must be relieved of pressure and the clutch rotated manually to ensure that the friction discs and driveplates are not affected by corrosion.

AFC 1000 Series

Initial setting – Springs compressed to a length of 38.0mm \pm 0.5mm
Range of torque settings 600Nm – 800Nm i.e. 35KW-45KW (45HP-60HP) @ 540RPM

AFC 2000 Series

Initial setting – Springs compressed to a length OF 40.0mm \pm 0.5mm
Range of torque settings 900Nm-1450Nm i.e. 50KW-82KW (70-110HP) @ 540RPM

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