Q-PARTS MAINTENACE

WINTER MAINTENANCE KIT

ABBEY MACHINERY since 1947

Q-PARTS

ABBEY DIET FEEDERS: Maintenance Check List

Before the Feeder season ramps up it is important to run a detailed check on your machine to ensure everything is running smoothly. Checking and repairing parts now will save you resources and avoid expensive breakdowns in the middle of the season. Use this list as a guide for your pre-season feeder maintenance.

- **Start:** Park machine on a level surface. Stop the tractor, remove keys and work with a partner. Grease all grease nipples on the machine prior to use.
- **Weigh System** Zero the weighbar system. Review the condition of the weighbars, cables and sockets. Stand over or hand a known weight directly at each weight cell to identify a problematic weigh bar. Load a known quantity/weight to determine if the weighing system is working properly. If the weight multiplies check all of the cables.
- **Augers**: Check auger for wear. Asses if auger is suitable for the upcoming seasons feeding. If necessary, consult your local dealer for a replacement. Check condition of feed out arm. Check gearbox xonnecting bolts are tight and tighten if neded
- **Knives:** Check that knives are sharp to maintain the best chop. Ensure all bolts are in place and check that all backing plates are in tack. Sharpen and replace knives as necessary.
- **Feedout Arm:** Inspect the torque on the sweeper arm bolts. They should be running at around 5-10mm above the floor of the machine.
- **PTO:** Remove the PTO from the feeder. Check the PTO guard and shaft. Replace a worn PTO guard and confirm it is connected and not spinning freely. Grease the sliding profile, the head and the crosses. Inspect the lock pin for wear. After maintenance, refit all guards before using the machine.
- **Lights:** Check lights and indicators are clean and fully functional. Replace bulbs when necessary.
- **Tyres & Wheels:** Check pressure, rims and wheel bearings. Tighten the wheel nuts.
- **Brakes:** Check brakes are engaging. Check the adjustment of the brakes. When force is applied there should be approximately 40-60mm of travel on the ram. Tighten slack adjusters if there is any more travel.
- **Hitch, Chassis and Drawbar:** Check all parts including springs, U-bolts and pins. Grease relevant points.
- **Discharge Elevators:** Run the elevator to check for wear. Check the tension of the conveyor belt. Grease and oil bearings accordingly. Apply some chain oil on elevator chain.
- **Hydraulics:** Test hydraulics hoses and couplings are working correctly and check for leaks. Replace as needed.
- **Gearbox:** Check level of your gearbox. Oil should be changed in the main gearbox once per season. Replace oil by pumping into the bottom of the reservoir. The final 10% of the oil should be topped up at the top of the reservoir. Check gearbox and floor connecting bolts and esnsure all are tight and in good working order.
- **Machine:** Check and grease doors and moving parts. Check the rubber mat lining the door is functional. Check paddles, rotor and tray parts.

Feeder Parts Guide

Part No	Description	Specification
ABY9949RKIT	Diet Feeder Kit	Complete Set of Knives Plus Bolt for Tub Feeder
ABY9827-KIT	Backing Plate Kit	Includes eight Backing Plates
ABY9827-KIT	Feedout Arm	To suite VF8 & VF15
ABY9825-10	Feedout Arm	To suit VF10
ABY9825-12	Feedout Arm	To suit VF12 & VF1450
COM0763313310	T60 Quick Release Shearbolt PTO Shaft	1 3/8" 6 Spline both ends (910mm)
COM0762226210	T60 Quick Release PTO Shaft	1 3/8" 6 Spline and 1 3/4" 20 (710)mm
COM0763404111	T60 Quick Release Shearbolt PTO Shaft	1 3/4" 20 Spline both ends (1210mm) (1st and 2nd Auger)
COM0783318210	T80 Quick Release Shearbolt PTO Shaft	1 3/8" 6 Spline and 1 3/4" 20 Spline (1110mm)
ABY6862	Heavy Duty Auger	To suit VF12 & VF1450
ABY686415	15mm Heavy Duty Auger	To suite VF7 & VF15
ABY9983A	Weigh Bar	Light duty
ABY9984	Weigh Bar	Heavy Duty
ABY9851	Standard Side Door Tray	
ABY349949RTT	Tungsten Chromium Knives Carbide Tipped Knives	

