

	PROBLEM	POSSIBLE CAUSE	SOLUTION
Adapter			
	Combine will not hook into top of adapter.	Header tilted back/forward too far. Cutter bar side tire too low. Feeder house adjustment on combine set wrong. Subframe not level with combine.	Extend/Retract top link. Run tire onto a block. See Combine Manual. Adjust hitch jack.
Center Deck			
	Center draper not turning.	Center draper too loose. Faulty drive motor. Failed bearing(s) in idler or drive rollers. Material buildup on rollers. Foreign material under draper.	Adjust draper tension. Repair or replace. Repair or replace. Clean rollers. Clean under draper.
	Center draper slipping.	Center draper too loose. Insufficient traction.	Adjust draper tension. Roughen drive roller.
	Center draper not tracking straight.	Drive or idler rollers out of alignment. Draper splice not cut straight. Material buildup on rollers.	Adjust draper tracking. Re-punch connector bar holes in draper. Clean rollers.
Decks			
	Decks creep sideways in the header.	Restrainer bars not installed or have fallen off.	Install or replace bars.
	Decks lift out of position.	Deck is not locked under rear edge of cutter bar. Hold down clips on back panels are loose or not installed.	Place deck in proper position. Tighten or replace.
	Decks will not shift.	Decks or back panels jammed or binding.	Check decks and clean out debris. On hydraulic swath, to get more power to shift deck, remove one hose from draper deck motor, screw a plug onto the hose, cap the port on motor. Shift deck. Re-connect hoses to draper deck motor to run header.
	Grain Heads shattering or breaking off.	Reel speed too fast. Ground speed too fast. Crop too ripe.	Reduce reel speed. Reduce ground speed. Cut early in morning or late at night when humidity is higher.
	Cut grain falling off cutter bar.	Reel too high Table set too high	Lower reel Lower table
	Does not pick up lodged crop.	Table too high. Reel too high. Reel too far back Ground speed too fast for reel speed. Crop lying too flat for guards to pick up	Lower table. Lower reel. Move reel forward. Reduce ground speed or increase reel speed. Install optional SCH Crop Lifters
	Material builds up at ends of cutter bar.	Crop dividers and pipes spread out too far. Pick up reel tines not sweeping crop off cutter bar.	Loosen bolts on crop divider shoe and pull divider in. Re-tighten bolts. Bend the tines on end of reel to reach into the corners. For Ull reel install kit # 80192 unto each end of every other bat.
Draper			
	Draper not tracking straight.	Draper splice not cut straight. Material building up on rollers.	Re-punch connector bar holes in draper. Clean rollers.

	Draper slipping.	Draper too loose. Insufficient traction. Draper is snagging.	Adjust draper tension. Roughen drive roller. Check alignment.
	Draper not turning.	Draper is snagged or caught. Flow control is shut off. Oil flow going over the relief.	Check for interference. Adjust flow control. Check relief setting. Remove and clean relief cartridge, check spring
	Draper oil pressure in excess of 2200 psi.	Material build up on rollers. Faulty bearing in roller. Faulty draper motor.	Clean rollers. Replace bearing. Check motor temperature, check for oil leaking from shaft seal. Replace motor.
Feed Auger			
	Auger stops when full of material.	Auger drive clutch is slipping.	Check and set preload on drive assembly clutch. Check and clean clutch disks and pressure plates
	Material (straw) wrapping on auger.	Reduce size of feeder house opening. Indexing of fingers is incorrect. Fore/aft adjustment is incorrect.	Remove outer fingers. Install stripper bars in adapter. Adjust finger indexing (timing). Adjust auger position.
	Material will not feed under auger.	Indexing of fingers is incorrect. Auger drive is slipping. Auger is not floating. Fingers on drum not extending low enough.	Adjust finger indexing (timing). Check drive assembly clutch. Auger float seized or binding on side plates. Adjust finger indexing (timing).
Header			
	Header will not lift.	Combine lift capacity. Add a hydraulic cylinder to feeder house.	Check system pressure. See Combine Manual.
	Oil leaking between pump and gearbox.	Faulty Silicone seal. No silicone between pump and gearbox.	Re-seal pump. Apply Silicone.
	Header will not float.	Leveling adjustment bolts too tight. Clamp plates on spring saddles are too tight. Table angle too flat.	Min. 1 1/2" space required between spacer and leveling bolt mount tab. Loosen clamp bolts. Adjust turnbuckle or hyd. tilt.
Knife			
	Knife will not run.	Low hydraulic oil. Faulty drive motor. Faulty knife drive. Faulty hydraulic pump. Cutter bar jammed. Damaged or misaligned guard.	Add oil, Check for leaks Repair or replace motor. Repair or replace. Repair or replace. Clean, lubricate cutter bar. Repair and/or replace
	Knife stalls easily.	Type of material being cut. Low oil volume, less than 14gpm Low pressure at knife motor. Bent guards or cutter bar. Dull or incorrect type of sections.	Reduce ground speed. Check flow, should be 16 gpm. Check system pressure. Repair or replace. Replace.

		Faulty knife drive. Seized knife head bearing. Knife head out of alignment. Unloaded system pressure too high. Relief valve stuck open	Check for loose crankshaft. Replace. Adjust alignment on knife Check for faulty draper motor. Remove and clean cartridge.
Knife running too slow or too fast. (Correct Range: 600-700 rpm)		Low oil level Relief valve stuck open. Worn pump or knife motor. Wrong pump for combine.	Add oil. Determine cause. Clean or replace cartridge. Repair or replace. Check with manufacturer.
Excessive vibration.		Knife running too fast. Loose bearings in drive. Loose knife head bolts.	Check speed s/b (600-700 rpm). Replace bearings. Tighten.
Excessive noise.		Loose or damaged sections and/or guards. First guard bent or out of alignment. Knife drive bearing faulty Knife drive loose. Knife drive running too fast. Knife head adjusted too high or too low. Guards don't match.	Replace or tighten. Straighten or replace. Replace. Tighten bolts and check for damage to housing. Slow down to 600-700 rpm. Loosen clamp bolt on knife head bearing and adjust. Check that all guards are the same. 12mm required.
Knife leaves strip of crop standing.		Bent or broken guard. Dull/Broken knife section. Plugged guard.	Straighten or replace. Replace. Clean.
Connector Bar Breaks.		Damaged sections or guards. Knife gummed up. Section bolts not tight. Sections on knife back installed on wrong side.	Repair or replace Soak with diesel fuel. Tighten or replace. Remove sections, turn knife back over and replace sections.
Knife Head Breaks		Section bolts not tight. Knife gummed up Damaged sections or guards. Sickle sections dull. Tough crop. Knife drive running too fast. Steel tines on reel hitting knife.	Tighten and/or replace bolts. Soak with diesel fuel. Repair and/or replace. Replace sections. Reduce ground-speed. Check speed with photo tach. Raise Reel.
Leveling			
	Header not level.	Leveling bolts out of adjustment.	Adjust bolts.
Pump			
	Oil running hot.	Excessive oil going over relief. Faulty pump or motors. Draper too tight or not tracking.	Clean or replace relief cartridge. Repair or replace. Adjust draper alignment.
	Pump vibrating.	Faulty Universal Joint bearings. Angle too great in drive line.	Repair or replace. Align auger & pump drive.
Reel			
	Reel will not hold height.	Leaking hose or fitting.	Repair or replace.

	Faulty master cylinder. Leaking cylinder seal. Valve in Combine leaking	Repair or replace. Replace seal. See Combine Manual
Reel will not hold level.	Leaking hose or fitting. Air in system. Faulty master cylinder. Leaking cylinder seal.	Repair or replace. Bleed slave cylinder. Repair or replace. Replace seal.
Reel raises/lowers erratically.	Reel cylinders binding. Arms bent or binding. Low hydraulic oil.	Replace cylinder. Repair or replace. See Combine Manual.
Reel will not raise.	Hydraulic couplers don't match. Hydraulic couplers not engaged. Faulty Combine hydraulics.	Install correct couplers. Re-couple properly. See Combine Manual.
Reel raises slowly.	Elbow in master cylinder too tight. Hydraulic couplers not engaged.	Loosen fitting. Re-couple quick couplers.
Damage to center of reel.	Reel set too low.	Adjust height.
Reel hitting at end.	Reel not centered.	Adjust centering.
Reel will not turn/turns erratically.	Flow control set too low. Draper flow set too high. Faulty relief valve. Seized bearing(s). Faulty drive motor. Hydraulic couplers not engaged.	Advance setting. Reduce draper speed. (Only when using header hydraulic system) Clean or replace. Replace bearing(s). Replace motor. Re-couple properly.
Reel Speed cannot be adjusted. - Header driven reel	Poor connection in electrical wires or cable. Defective reel speed motor.	Check connections and condition of cable. Replace motor. (Reel speed can be adjusted manually if necessary.)
Reel Speed cannot be adjusted. - Combine driven reel	Faulty flow control.	See combine manual.
Material builds up at ends of cutter bar.	Pick up reel tines not sweeping crop off cutter bar.	Bend the tines on end of reel to reach into the corners. For Ull reel install kit # 80192 onto each end of every other bat.
Table Angle		
	Draper running too flat or too steep.	Turnbuckle out of adjustment. Adjust turnbuckle.
Table Bounce		
	Suspension feels soft.	Clamp plates on spring saddles are loose Tighten clamp plates for stiffer suspension