

## TROUBLE SHOOTING GUIDE CLUTCH

PROBLEM	CAUSE	SOLUTION
1. UNEXPLAINED NOISE OR RATTLE AT LOW RPM.	A. SPRING CENTER OF DISC RIVETED SOLID. B. SPRING CENTER OF DISC HITTING STOPS. C. EXCESSIVE WEAR OF SPLINES (DISC OR INPUT SHAFT OR BOTH).	A. REPLACE DISC. B. REPLACE DISC. C. REPLACE DISC.
2. UNEXPLAINED NOISE WHEN DEPRESSING CLUTCH PEDAL.	A. FAULTY PILOT BEARING. B. FAULTY RELEASE BEARING. C. PILOT BEARING NOT INSTALLED.	A. REPLACE PILOT BEARING. B. REPLACE RELEASE BEARING. C. INSTALL PILOT BEARING.
3. 167968 LOOSE PRESSURE.	A. THREADS ON ADJUSTING RING STRIPPED.	A. REPLACE PPA.
4. PREMATURE BEARING FAILURE ON PULL TYPE CLUTCH.	A. POOR MAINTENANCE. B. BEARING UNDER CONSTANT LOAD.	A. GREASE BEARING REGULARLY. B. ADJUST RELEASE FORK TO RELEASE BEARING PADS.
5. CLUTCH DOES NOT HOLD UNDER LOAD.	A. PPA OR DISC OR BOTH WORN OUT. B. OIL ON DISC. C. INCORRECT FLYWHEEL STEP. D. BOLTS OR NUTS USED TO PULL LEVERS DOWN, FOR EASE OF INSTALLATION, NOT REMOVED.	A. REPLACE PPA OR DISC OR BOTH. B. CLEAN OIL FROM DISC OR REPLACE DISC. ALSO REPLACE PTO SEAL OR REAR MAIN SEAL. C. RE GRIND FLYWHEEL TO CORRECT SPECIFICATIONS. D. REMOVE BOLTS OR NUTS.
6. RELEASE LEVERS TOO LOW (CLUTCH WON'T RELEASE).	A. INCORRECT FLYWHEEL STEP SPECIFICATION. B. PPA AND OR DISC BENT (TRACTOR FORCED TOGETHER). C. DISC IS DISTORTED BY HEAT. D. DISC TOO THICK. E. CLUTCH IN BACKWARDS	A. GRIND FLYWHEEL TO CORRECT SPECIFICATION. B. REPLACE PPA AND OR DISC. C. REPLACE DISC. D. REPLACE DISC WITH THINNER DISC. E. TURN DISC AROUND
7. RELEASE LEVERS TOO HIGH (CLUTCH RELEASE PREMATURELY).	A. DISC WORN OUT. B. INCORRECT FLYWHEEL STEP SPECIFICATION. C. DISC TOO THIN.	A. REPLACE DISC. B. GRIND FLYWHEEL TO CORRECT SPECIFICATION. C. REPLACE DISC WITH THICKER DISC.
8. JUMPY ENGAGEMENT OR POOR RELEASE.	A. DISC BENT (TRACTOR FORCED TOGETHER OR DISC DROPPED). B. DISC DISTORTED FROM HEAT (EXTREME SLIPPAGE). C. PPA NOT ADJUSTED CORRECTLY. D. FLYWHEEL NOT GROUND TO CRANK SHAFT MOUNTING FLANGE. E. 86 SERIES CAB MOUNT WORN EXCESSIVELY. F. RELEASE LEVER CRACKED OR BROKEN. G. PPA PIVOT BLOCK LOOSE. H. DISC BINDING ON INPUT SHAFT. I. PPA NOT FLAT IN FLYWHEEL. J. FAULTY PILOT BEARING.	A. REPLACE DISC. B. REPLACE DISC. C. REPLACE PPA OR CALL AG PARTS SERVICE DEPARTMENT FOR CORRECT ADJUSTMENT SPECIFICATION. D. GRIND FLYWHEEL TO CORRECT SPECIFICATION. E. REPLACE CAB MOUNTS. F. REPLACE PPA OR RELEASE LEVERS. G. REPLACE PPA. H. CLEAN DIRT AND GRIME FROM SPLINES. IF SPLINES WORN, REPLACE DISC. I. INSPECT FLYWHEEL TO INSURE PPA MOUNTING SURFACE IS NOT TAPERED ALLOWING PPA TO BE DRAWN DOWN UNEVENLY. J. REPLACE PILOT BEARING.

