

WALKER MOWERS

ELECTRIC CLUTCH UPGRADE KIT FOR MBSD, P/N 4410-10

DESCRIPTION: This kit is used to upgrade/replace the Noram mechanical clutch/brake on the MBSD beginning with S/N 85248 and on.

NOTE: If units in the serial number range above have not had the Flex Coupling Upgrade Kit, P/N 4350-10 installed, this must be done when installing this kit.

INSTRUCTIONS:

1. Loosen idler arm adjuster and remove the belts, remove Noram clutch, clutch stop and clutch actuator assembly from tractor. Remove the stationary idler arm and idler pulley from tractor. The idler pulley and hardware will be reused.
2. Place the spring mount onto the clutch actuator as shown in illustration "A". Put a 10-24 x 3/8 PPHMS in existing hole and nut. Use other hole as a template to drill 3/16" hole and use the other 10-24 x 3/8 PPHMS and nut to fasten spring mount to actuator. Drill 3/16" hole and cut off arm on clutch actuator as shown in illustration "A".
3. Mount stationary clutch idler pulley to the stationary idler arm and install it in the tractor.
4. Remove ground drive pulley from the Noram clutch shaft, place it on the new clutch shaft. Install the clutch and shaft assembly back into the tractor making sure the clutch drive pulley and idler pulleys are aligned and tighten set screws. Install coupling and tighten down support bearings and set collars. **NOTE:** Set collars need to be tightened in the direction of engine rotation.
5. Re-install clutch actuator back into the tractor and attach the clutch rod to actuator. Set spring mount in tractor placed against the bearing mount; leaving 1/8" clearance from the actuator arm as illustrated, use hole in spring mount as template for a 1/4" hole. Drill hole and install spring mount and install extension spring between spring mount and clutch actuator.
6. Install clutch stop using existing 3/8" hole from the removed clutch stop as shown in illustration "B". Use the other 5/16" hole as a template to drill and complete installation of the new stop.
7. Install new safety switch onto spring mount as shown in illustration "B" and plug extension wire onto switch. With provided splice taps connect purple wire to the purple wire on the existing PTO safety switch and the black onto a black wire from one of the relays mounted on the (RH) side chassis. With the ignition switch in the run position (engine not running), move the clutch lever forward and adjust the safety switch to close and activate the electric clutch.
8. Align ground drive pulley with the hydro drive pulleys tighten set screws and re-install the belt. Install new PTO belts and adjust to proper tension.

ITEM NO.	PART NO.	DESCRIPTION	QTY REQ'D	
1	4410-7	Electric Clutch	1	
2	4230-1	Engine/PTO Belt/Match Set	1	A
3	4325-9	Clutch Stop	1	
4	4245-4	Stationary Idler Arm	1	
5	4244	Spring Mount	1	
6	4244-1	Switch Mount	1	
7	5942	Safety Switch (NO)	1	
8	5221	Extension Spring (3/4 x 4)	1	
9	4410-11	Extension Wire	1	
10	8553	Splice Tap	2	
F002	F002	10-24 Keps Nut	2	
F004	F004	1/4-20 Keps Nut	1	
F008	F008	5/16-24 Keps Nut	1	
F012	F012	3/8-16 Keps Nut	1	
F025	F025	10-24 x 3/8 PPHMS	2	
F044	F044	5/16-24 x 3/4 Hex Bolt	1	
F065	F065	3/16 x 3/4 Woodruff Key (#606)	1	B
F203	F203	1/4-20 x 5/8 PPHMS, SS	1	
F306	F306	3/8-16 x 3/4 Hex Bolt	1	

Illustration "A"

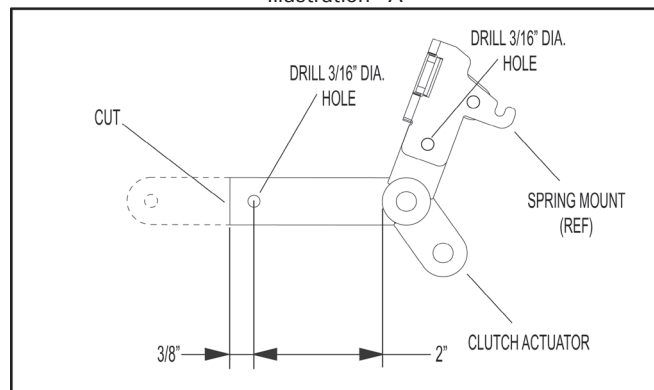


Illustration "B"

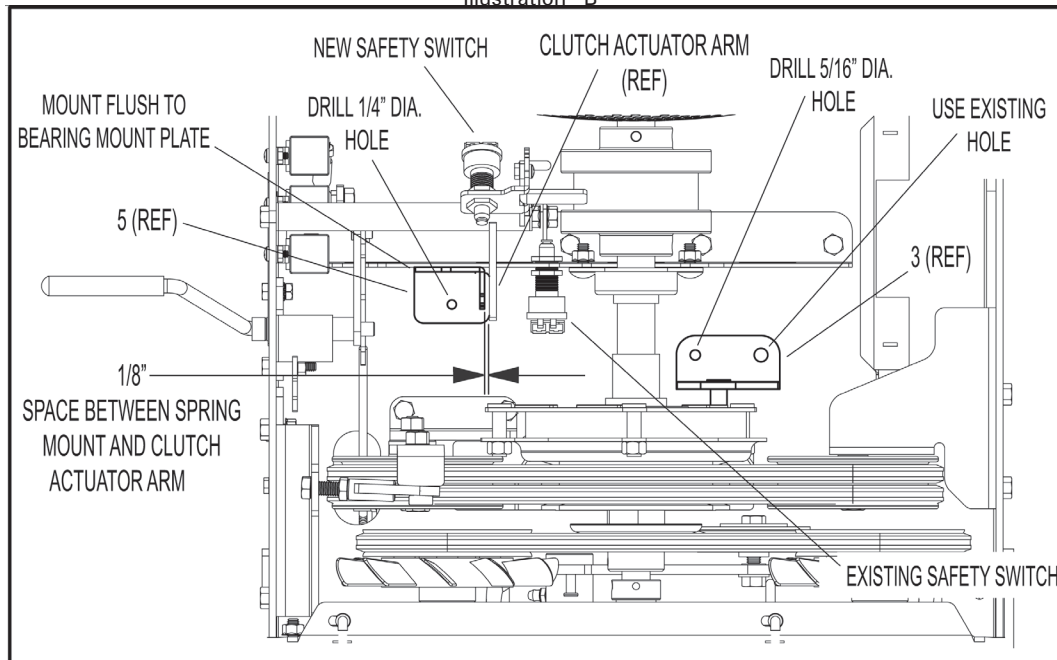


Illustration "C"

