

[2] SAFETY SWITCH

This switch is electrically closed in normal condition (normally closed type). The switch operates as sensor detecting and transmitting the position of HST pedal, PTO lever, independent PTO lever, and seat to engine stop solenoid.

Type of Switch	Safety Switch Name	Number of Switch Contact
Normal open type	Seat switch	1
	Seat turn over switch	1
	PTO shift lever switch	1
	Independent PTO Lever Switch (Rear PTO Switch)	2
	HST pedal neutral switch	2

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Lever / Pedal Position, Engine Condition and Switch Condition

No.	Lever / Pedal Position					Engine Condition	
	HST Pedal Neutral switch; Neutral: ON Forward or Reverse: OFF	Independent PTO Lever Switch; Independent PTO engaged: ON Independent PTO disengaged: OFF	PTO Shift Lever Switch; Rear PTO Selected: ON Mid PTO or Mid PTO and Rear PTO Selected: OFF	Operator's Seat Switch; Occupied: ON Off Seat or Vacant: OFF	Seat Turn Over Switch; Normal position: OFF Turn over: ON	Engine Stopping	Engine Starting
1	Neutral Position: ON	Disengaged: OFF	Rear PTO Selected: ON	On Seat: ON	Normal: OFF	Running	Can Start
2				Off Seat: OFF	Normal: OFF		
3			Mid PTO or Mid PTO and Rear PTO Selected: OFF	Off Seat: OFF	Turn Over: ON		
4					Normal: OFF		
5					Normal: OFF		
6					Turn Over: ON		
7		Engaged: ON	Rear PTO Selected: ON	On Seat: ON	Normal: OFF	Running	Can not Start
8				Off Seat: OFF	Normal: OFF	Stop	
9			Mid PTO or Mid PTO and Rear PTO Selected: OFF	Off Seat: OFF	Turn Over: ON	Running	
10					Normal: OFF	Running	
11					Normal: OFF	Stop	
12					Turn Over: ON	Stop	
13	Forward (OFF) or Reverse (OFF)	Disengaged: OFF	Rear PTO Selected: ON	On Seat: ON	Normal: OFF	Running	
14				Off Seat: OFF	Normal: OFF	Stop	
15			Mid PTO or Mid PTO and Rear PTO Selected: OFF	Off Seat: OFF	Turn Over: ON	Stop	
16					Normal: OFF	Running	
17					Normal: OFF	Stop	
18					Turn Over: ON	Stop	
19		Engaged: ON	Rear PTO Selected: ON	On Seat: ON	Normal: OFF	Running	
20				Off Seat: OFF	Normal: OFF	Stop	
21			Mid PTO or Mid PTO and Rear PTO Selected: OFF	Off Seat: OFF	Turn Over: ON	Stop	
22					Normal: OFF	Running	
23					Normal: OFF	Stop	
24					Turn Over: ON	Stop	

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