





a division of  
Tyler Cole Enterprises

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www.ptlequipment.com

Car	<b>2 POSITION INSPECTION</b>																														
	NON-VANDAL  	VANDAL RESISTANT  NORM  INSPECTION																													
SPECS:																															
Materials	Halo: black, molded polycarbonate with white, heat stamped text. Retaining brackets: 18 ga. galvanized Cylinder: cast, 8 disc brass tumblers.																														
Size & Color	Panel hole: non-vandal= 1.390", vandal= .875" Space on back of panel: 1.5" X 2.5" minimum. Depth of box req. : 2.75" Stud pattern: 6-32 male studs at 2" centers. Cylinders: bright nickle or brass.																														
Action	2 POSITION, KEY REMOVABLE IN ALL The contact block may be removed for wiring, the cylinder will be retained on the panel by stand-offs.																														
Contact block	Rotary switch, part #25RT CONTACT RATING IS HEAVY DUTY A300 OR 10 AMP AT 277VAC.																														
TROUBLESHOOTING:																															
Although keyswitches are tested at the factory, some changes in alignment due to shipping and installation may cause improper functioning. If the key resists pulling, recheck the fit between the switch actuator tab and the slots in the cylinder, it is best to look at this in the 12 o'clock position, line them parallel by turning the switch bracket. The switch is not field repairable and opening it will void the warranty, remove jumpers and wiring and test with an ohmeter, if it does not test good according to the chart below it will be replaced by the factory.																															
WIRING:																															
SWITCH CONTACTS ARE ISOLATED FROM EACH OTHER. JUMPERS ARE REQUIRED FOR A SHARED COMMON.  GENERALLY, CONTACTS ARE CLOSED IN ONLY ONE POSITION AND OPEN IN ALL OTHERS.		<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="4" style="text-align: center;">2 POSITION INSPECTION</th> </tr> <tr> <th style="text-align: center;">SWITCH # 25RT USK861</th> <th colspan="3" style="text-align: center;">POSITION IN DEGREES FUNCTION</th> </tr> <tr> <th style="text-align: center;">CONTACTS</th> <th style="text-align: center;">0 NORM</th> <th style="text-align: center;">90 INSP</th> <th style="text-align: center;">~ ~</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1 &amp; 2</td> <td style="text-align: center;">X</td> <td style="text-align: center;">O</td> <td style="text-align: center;">~</td> </tr> <tr> <td style="text-align: center;">3 &amp; 4</td> <td style="text-align: center;">O</td> <td style="text-align: center;">X</td> <td style="text-align: center;">~</td> </tr> <tr> <td style="text-align: center;">5 &amp; 6</td> <td style="text-align: center;">X</td> <td style="text-align: center;">O</td> <td style="text-align: center;">~</td> </tr> <tr> <td style="text-align: center;">7 &amp; 8</td> <td style="text-align: center;">O</td> <td style="text-align: center;">X</td> <td style="text-align: center;">~</td> </tr> </tbody> </table> <p style="font-size: small; text-align: center;">X= CLOSED, O= OPEN, ~= NONE &lt; OR &gt;= MOMENTARY, DIRECTION OF RETURN</p>		2 POSITION INSPECTION				SWITCH # 25RT USK861	POSITION IN DEGREES FUNCTION			CONTACTS	0 NORM	90 INSP	~ ~	1 & 2	X	O	~	3 & 4	O	X	~	5 & 6	X	O	~	7 & 8	O	X	~
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REPLACEMENT PARTS:																															
Keyswitch assembly	STAINLESS	45KSSINSP																													
	BRASS	45KSBINSP																													
Cylinder	STAINLESS	45LKN14																													
	BRASS	45LKB14																													
Halo	70HAPRB01S (SPECIFY TEXT)																														
Switch	25RT																														
Key	#PT14																														
<p style="font-size: x-small;">PTL EQUIPMENT 1-800-736-2120 09/09/09</p>																															

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