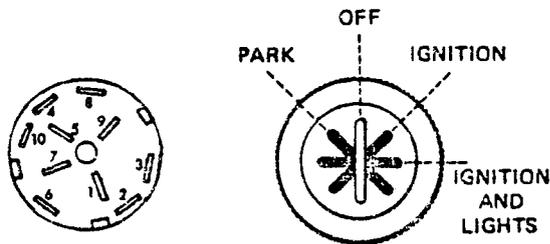


IGNITION SWITCHES AND WIRING / LIGHTWEIGHTS

This bulletin provides information on the various types of key switches used on lightweight models.

The terminal location and function of each switch is shown in the diagrams below. There is also a description of the model application and operation of each switch.

1.) 71505-73P



KEY SWITCH CONTACTS

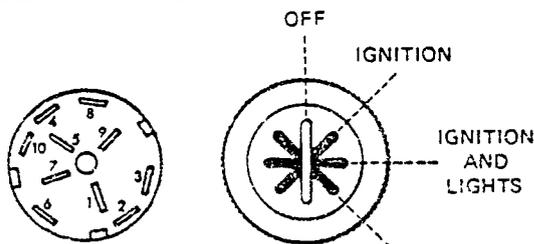
<u>SWITCH POSITION</u>	<u>CONNECTS TERMINALS</u>
PARK	5 - 10
OFF	NONE
IGNITION	1 - 2/6 - 7
IGN. & LIGHTS	1 - 2 - 3/4 - 5/6 - 7/8 - 9

Original Usage:

1973-74 SS/SX-350, 1973-75 Z-90
1973-75 TX/SX-125, Early 1974 SX-175

4 position switch, "park" position located to left of "off" position. Key may be removed in either "park" or off position. Ignition controlled by closing circuit between terminals 6 and 7 in "Ign" and "Ign & Lights" positions and opening circuit in "Off" and park position.

2.) 71505-73PA



KEY SWITCH CONTACTS

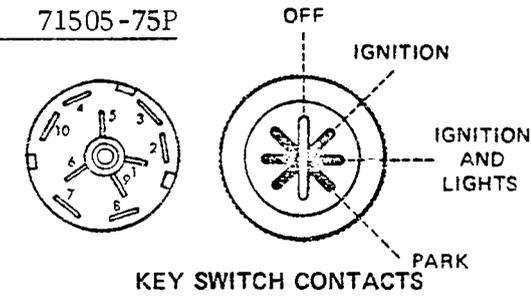
<u>SWITCH POSITION</u>	<u>CONNECTS TERMINALS</u>
OFF	NONE
IGNITION	1 - 2/6 - 7
IGN. & LIGHTS	1 - 2 - 3/4 - 5/6 - 7/8 - 9
PARK	5 - 10

Original Usage:

Late 1974 through early 1975 SX-175
Early 1975 SX-250

4 position switch, "park" position located to right of "Ign & Lights" position. Interchangeable with and replaces 71505-73P for parts order. Key can only be removed in "off" position.

3.) 71505-75P



KEY SWITCH CONTACTS

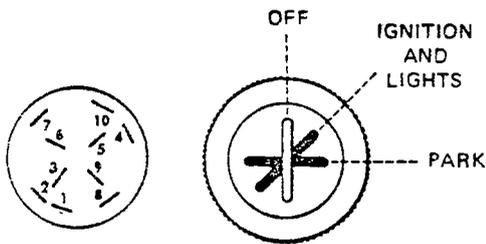
SWITCH POSITION	CONNECTS TERMINALS
OFF	6 - 7
IGNITION	1 - 2
IGN. & LIGHTS	1 - 2 - 3/4 - 5/8 - 9
PARK	6 - 7/5 - 10

Original Usage:

Mid 1975, SX-175/250

4 position switch. Function is same as 71505-73PA with following exception: terminals 6 and 7 are closed in the "off" and "park" position and open in the "Ign" and "Ign & Lights" positions. On the mid-1975 SX-175/250, a blue ground wire from the high tension coil mounting bracket is attached to either terminal 6 or 7. A violet wire from the "R" terminal of the high tension coil is attached to either terminal 6 or 7 of the switch. Ignition is controlled by grounding the primary of the ignition system in the "off" and "park" positions.

4.) 71514-75P



KEY SWITCH CONTACTS

SWITCH POSITION	CONNECTS TERMINALS
OFF	6 - 7
IGN. & LIGHTS	1 - 2 - 3/4 - 5/8 - 9
PARKING	5 - 10/6 - 7

Original Usage:

Late 1975 SX-175/250, 1975 SS-250
1975 SXT-125

3 position switch. First position "off", second position "Ign & Lights", and third position "park". Key can be removed in "off" position only. Terminals 6 and 7 are closed in "off" and "park" positions. Lights are on whenever ignition is on. On late 1975 SX-175/250 and all SS-250 models, the switch is wired the same as 71505-75P. On SXT-125, ignition is controlled by terminals 8 and 9. Terminal 6 is not used and the two brown wires from alternator and rectifier  terminal are connected together inside switch boot but ARE NOT attached to switch.

APPLICATION NOTES:

71505-75P switch can be used in place of 71505-73P and 71505-73PA on 1974 SX-175 and early 1975 SX-175/250 with the following modifications to the vehicle wiring. Remove green wires from terminals 6 and 7 of ignition switch. Make a wiring harness with one blue #18 AWG wire and one violet #18 AWG wire each 25 inches long. Attach spade terminals H-D No. 70582-67P to one end of blue and violet wires and attach to terminals 6 and 7 of new switch. Install ring terminal H-D No. 9918 to other end of blue wire and install on high tension coil mounting bracket (ground). Install ring terminal H-D No. 9932 to other end of violet wire and attach to "R" terminal of high tension coil. NOTE: There should now be two violet wires on the "R" terminal. Disconnect green wire from ignition pickup at connector in front of battery and connect to ignition module terminal #2 after removing existing green wire from that terminal. Tape the remaining green wires so they do not interfere with the electrical system.