

Sargent 6300 LFIC Decoding Worksheet

DECODING CHART						
1. TOP PIN						
2. BUILD-UP PIN						
3. MASTER PIN (if applicable)						
4. BOTTOM PIN						
Verify that sum of rows equal:	15	15	20	20	15	15

To Decode for Control Key

1. Remove TOP PINS from 3rd and 4th chambers.
 2. Measure each TOP PIN and determine coded length using chart below.
 3. Subtract coded length from 12. Result will be your control bitting for that chamber.
 4. For non-master keyed cores, control key will share same cuts as operating/change key in non-control chambers.
 5. For master keyed cores, it will be necessary to obtain more information to determine control key bitting for non-control chambers.
 6. Since 1/1/09, Sargent uses hollow top pins and special diameter springs in control chambers.
- Make sure to use the appropriate pins and springs when pinning.

Measured TOP PIN			12	12		
CONTROL KEY Bitting			-	-		

Bottom Pins

1 = .170"	6 = .270"
2 = .190"	7 = .290"
3 = .210"	8 = .310"
4 = .230"	9 = .330"
5 = .250"	10 = .350"

Top Pins

2 = .040"	9 = .180"
3 = .060"	10 = .200"
4 = .080"	11 = .220"
5 = .100"	12 = .240"
6 = .120"	13 = .260"
7 = .140"	14 = .280"
8 = .160"	