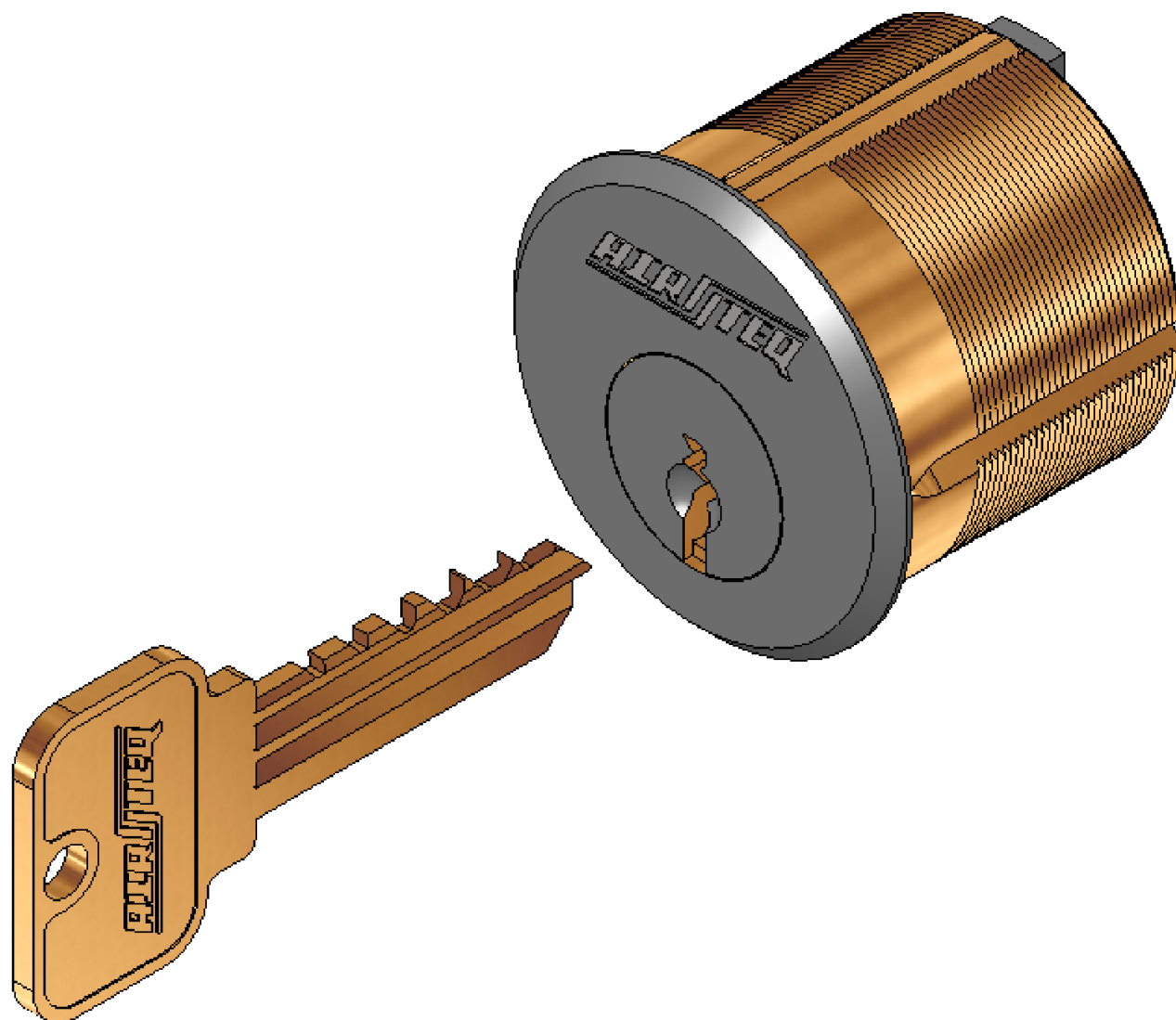




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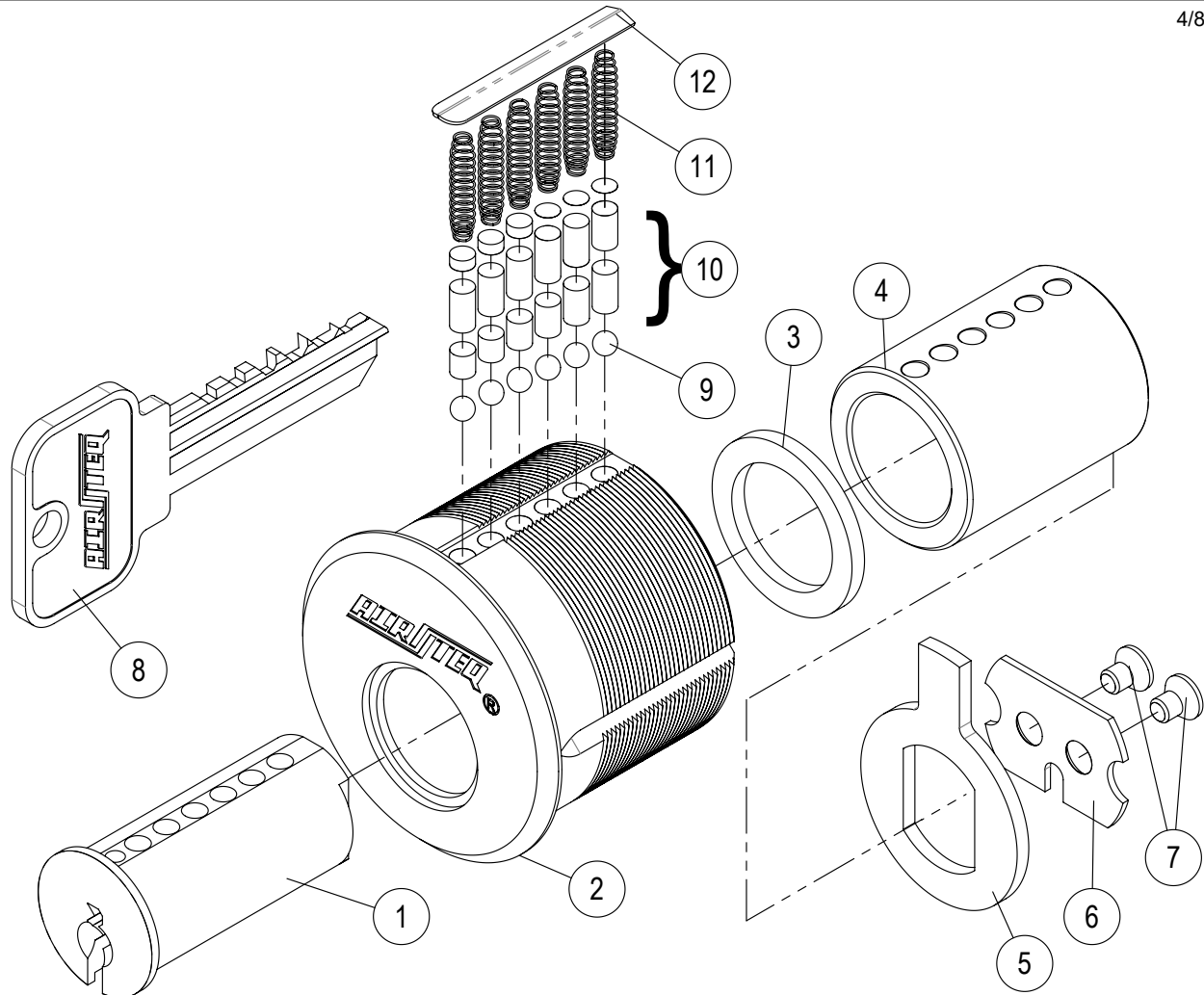
## MOGUL CYLINDER

4/8/14



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4/8/14



ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	216-1000-063 216-1000-062 216-1000-061 216-1000-060	CYLINDER "N" SERIES, CROME PLATED (OR) CYLINDER "N" SERIES, BRASS (OR) CYLINDER "M" SERIES, CROME PLATED (OR) CYLINDER "M", BRASS
2	1	216-1000-059 216-1000-058	MOGUL HOUSING, CHROME PLATED (OR) MOGUL HOUSING, BRASS
3	1	216-1000-041	DRILL RING
4	1	216-1000-037	MASTER RING CYLINDER
5	1	216-1000-031	MOGUL CAM
6	1	216-1000-078	HUB PLATE
7	2	311-0832-000	TORX Plus FH 8-32 X 1/4 UNCHD SST
8	1	216-1000-074 216-1000-075	MOGUL KEY, SERIES "M", CUT (OR) MOGUL KEY, SERIES "N", CUT
9	6	319-0000-031	STAINLESS STEEL BALL, .156 DIA
10	VARIES	216-1000-043- 216-1000-053	MOGUL PINS, ODD (NUMBER 1 THROUGH 21)
11	6	216-1000-029	SPRING
12	1	216-1000-030	SPRING RETAINER

## MOGUL PINNING INSTRUCTIONS

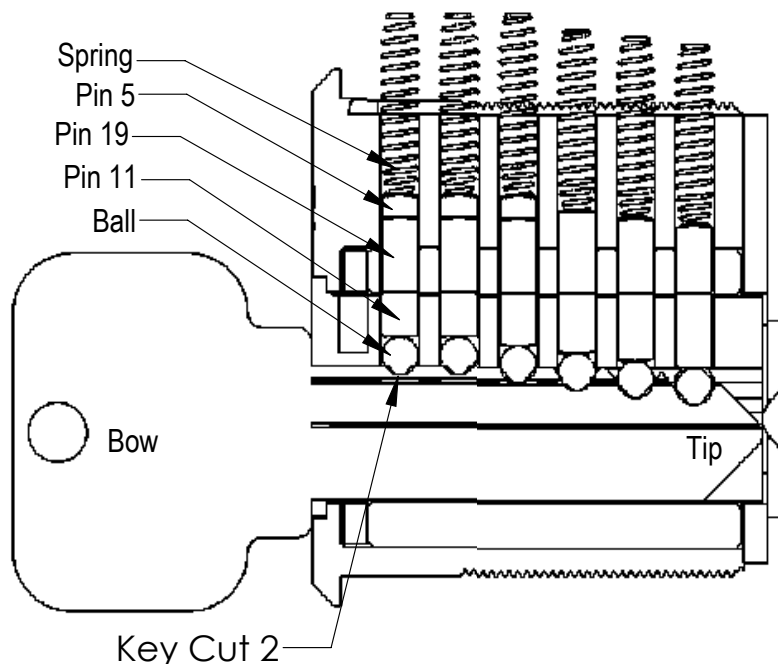
1. Remove spring retainer using screw driver and hammer (this piece will be replaced with a new spring<sup>4/8/14</sup> retainer after repinning).
2. Pour out pins, springs and balls through exposed holes. Make sure all pins have been removed by verifying that all 6 balls are accounted for.
3. Place 1 ball in each pin hole
4. Place pins in holes as noted on keying schedule provided by Airteq Systems.
5. Begin with the bottom pins and end with top pins. (see sample pinning)
6. Place spring on top of each pin stack
7. Verify cylinder is correctly pinned by inserting key and rotating cylinder.
8. If key will not rotate the cylinder, pinning is incorrect and must be redone.
9. Depress springs and slide spring retainer onto cylinder.
10. Using hammer and screw driver, press spring retainer securely into cylinder groove. Spring retainer will be flattened. Be careful not to mar cylinder threads.

### Sample pinning:

	<u>Key Stamp:</u>	<u>Key Code:</u>	
	SHOW	N2 2 3 4 5 6	<i>Change Code</i>
Key Profile (N or M)		05 05 05 00 00 00	<i>Top pins (last pins placed in cylinder)</i>
		19 19 19 21 19 17	
	<i>Pinning:</i>	11 11 13 15 17 19	<i>Bottom pins (1st pins placed in cylinder)</i>

#### Note:

- 05=Pin#5, 07=Pin#7 etc.; and 00=no pin
- Higher key code number indicates deeper cuts
- Key Codes are read Left to Right (Bow to Tip)



### Pin Lengths:

Pin #	Pin Length
1	0.032
3	0.063
5	0.094
7	0.125
9	0.156
11	0.187
13	0.218
15	0.249
17	0.280
19	0.311
21	0.342

**Cut View of Cylinder with SHOW pinning**