



**LAYCOCK  
MOTOR  
WINDING  
TOOLS**

**LAYCOCK SYSTEMS, INC.**

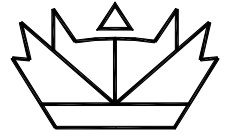
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**CROWN  
MOTOR  
REPAIR  
TOOLS**

**INSTRUCTIONS FOR ARMATURE & STATOR HOLDER  
CROWN MODEL 2105**

**Installation:**

Fasten the lower or stationary portion of the base to the work bench with ordinary wood screws or bolts.

**To Suspend Armature:**

The armature shaft must be provided with centers. Loosen the upright locking screws and move the upright casting assembly to give the desired span for the length of armature shaft. Then tighten screws into the shaft centers and lock with the center point locking wing nuts. The base may be rotated by loosening the rotating base locking thumb screws. The ways may be moved on the rotating base by loosening the ways locking screws.

**Holding Stators:**

A pair of stator clamping brackets are provided for holding stators. These are held in place with the center point thumb screw and a pin which is inserted into the upright casting. Slide the upright castings on the ways the same as before to obtain the desired span and clamp the stator firmly in place by means of the center point thumb screws. Adjustment for rotating the stator and moving the ways are made the same as when an armature is suspended. The standard unit will take armature shafts up to 18" in length or stators up to 12" in diameter.

**MAINTENANCE and STORAGE**

When not in use, store unit within a plastic bag.

**WARRANTY**

Crown's Motor Repair Equipment is warranted to the original owner against defects in materials and workmanship for ninety (90) days from date of purchase. Any part found to be defective (except by overloading, misuse, neglect, fire, accident, tampering with by unauthorized serviceman, or other cause beyond the manufacturer's control), will be replaced or repaired free of charge.

**CROWN MODEL 2105**

Model #	Description	Quantity	Current Price
2105	Armature & Stator Holder	1	Contact Factory
N/A	Packaging and Handling	1	

**PARTS LIST  
CROWN MODEL 2105**

Item#	P/N	Description	Quantity Req'd	Assy#	Current Assy Price
1	C808089	Armature Support Bracket	2	1	Contact Factory
2	C808090	Main Support Bracket	1		
3	C808092	Wing Nut ½"-13	4		
4	C808086	Thumb Screw 3/8"-16x1"	2		
5	C808087	Flat Washer 3/8"x¼" thick	1		
6	C808088	Washer w/Stud ½"-13x2"	1		
7	C808083	Base subassy.	1		
8	C808084	Pivot	1		
9	C808091	Adapter, Stator w/pin	2		
10	C809010	Crown Label	1		
11	C808093	Thumb Screw, ptd. ½-13x3"	2		
N/A	C808085	Steel Ball, Pivot	1		
N/A	C808168	Pivot Bearing Insert (top)	1		
N/A	C808169	Pivot Bearing Insert (bottom)	1		

**SPECIFICATIONS FOR ARMATURE & STATOR HOLDER  
CROWN MODEL 2105**

**Construction:**

Channeled main support with aluminum Uprights for clamping armature and stators.  
Aluminum base with ball bearing swivel. Corrosion protected.

**Purpose:**

Clamping device for holding armatures and stators.

**Capacity:**

Stators to 12" diameter, armatures to 12" diameter with 18" maximum length, including shaft.  
Shaft to be provided with centers.

**Accessories:**

All included.

**Spare Parts:**

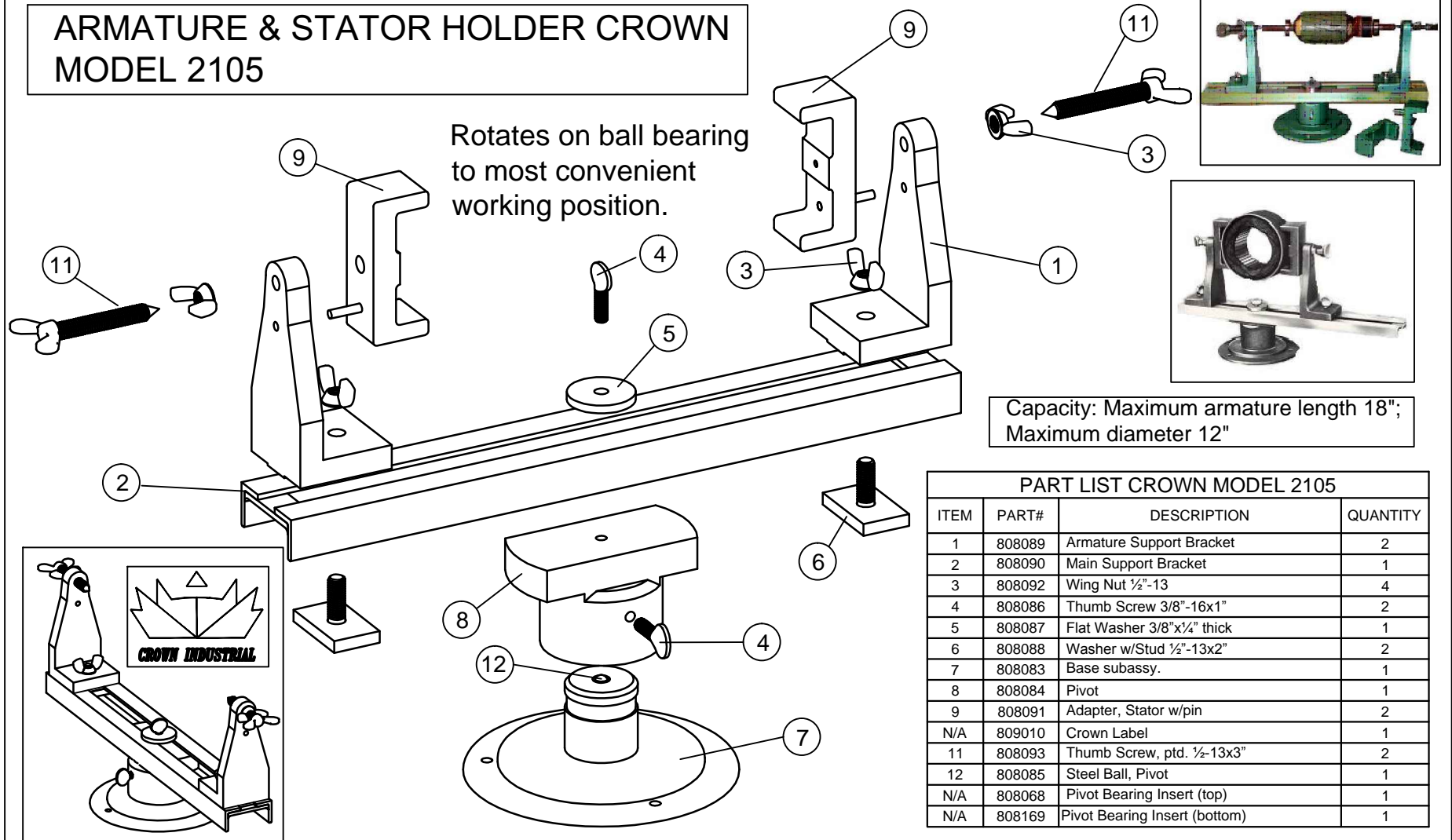
To be recommended on request. Contact Factory.

**Enclosures:**

Operating Instructions.

# ARMATURE & STATOR HOLDER CROWN MODEL 2105

Rotates on ball bearing to most convenient working position.



Capacity: Maximum armature length 18";  
Maximum diameter 12"

## PART LIST CROWN MODEL 2105

ITEM	PART#	DESCRIPTION	QUANTITY
1	808089	Armature Support Bracket	2
2	808090	Main Support Bracket	1
3	808092	Wing Nut 1/2"-13	4
4	808086	Thumb Screw 3/8"-16x1"	2
5	808087	Flat Washer 3/8"x1/4" thick	1
6	808088	Washer w/Stud 1/2"-13x2"	2
7	808083	Base subassy.	1
8	808084	Pivot	1
9	808091	Adapter, Stator w/pin	2
N/A	809010	Crown Label	1
11	808093	Thumb Screw, ptd. 1/2"-13x3"	2
12	808085	Steel Ball, Pivot	1
N/A	808068	Pivot Bearing Insert (top)	1
N/A	808169	Pivot Bearing Insert (bottom)	1