



**Bushing Cover
HwN, MbN and OtN Bushing Guard
Installation Instructions**

Emerson Industrial Automation
7120 New Buffington Road
Florence, KY 41042
Application Engineering: 800 626 2093
www.emerson-ept.com

**FORM
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⚠ WARNING

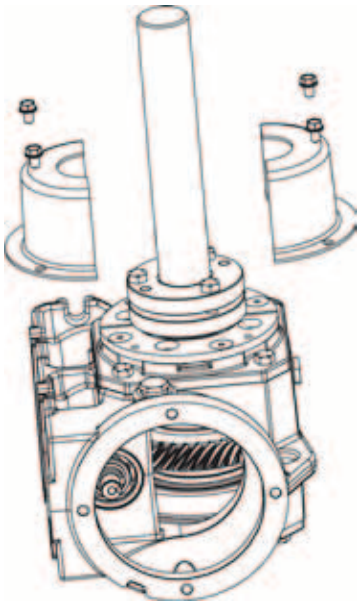
- Read and follow all instructions carefully.
- Disconnect and lock-out power before installation and maintenance. Working on or near energized equipment can result in severe injury or death.
- Do not operate equipment without guards in place. Exposed equipment can result in severe injury or death.

⚠ CAUTION

- Periodic inspections should be performed. Failure to perform proper maintenance can result in premature product failure and personal injury.

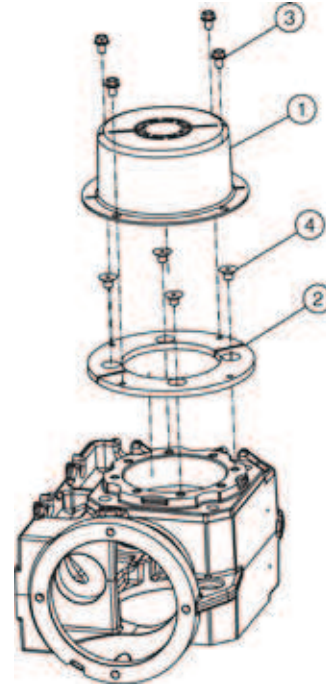
Preparing the Bushing Cover

An appropriate size hole must be cut into the bushing cover and the cover must be split into two pieces if it will be mounted on the reducer with the shaft extending through the cover. The covers have been manufactured with slots cut into the face allowing two or three different size holes to be cut out. The required hole can be cut utilizing the appropriate set of slots. The cover must be cut to allow no more than 5/16 inch clearance between the cover hole and the rotating shaft.



Bushing Cover and Adapter Ring Installation for HwN Helical Worm Units

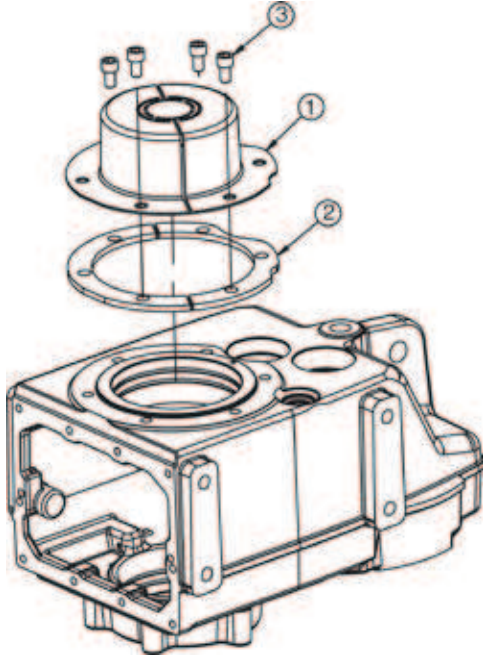
Attach the adapter ring to the face of the reducer using the four socket head flat screws provided. Position the bushing cover on the ring aligning the four predrilled holes in the cover with the four holes on the adapter ring. Use the four hex head bolts provided in the kit to fasten the cover to the ring.



HWN		QUANTITY PER FRAME				
ID#	DESCRIPTION	30/31	32	33	34	35
1	BUSHING COVER	2	2	2	2	2
2	ADAPTER PLATE	2	2	2	2	2
3	BOLTS	8	8	8	8	8
4	SCREWS	8	8	8	8	8

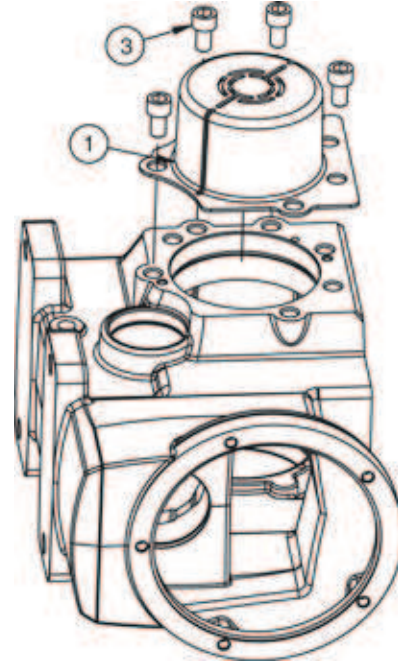
Bushing Cover Installation for MbN Shaft Mounted Units

Position the bushing cover on the face of the gearhead aligning the four predrilled holes in the cover with the four holes on the gearhead face. Use the four socket head cap screws provided in the kit to fasten the cover to the reducer.



Bushing Cover and Adapter Ring Installation for OtN Helical Bevel Units

Place the adapter ring on the face of the reducer. Position the bushing cover over the adapter ring aligning the four predrilled holes in the cover with the four holes on the ring. Use the four socket head capscrews provided in the kit to fasten the cover and ring to the reducer.



MBN		QUANTITY PER FRAME				
ID#	DESCRIPTION	31	32/33	34/35	36	37
1	BUSHING COVER	N/A	2	2	2	2
2	ADAPTER PLATE	N/A	1	1	1	N/A
3	BOLTS	N/A	6	6	8	8
4	SCREWS	N/A	N/A	N/A	4	N/A

OTN		QUANTITY PER FRAME				
ID#	DESCRIPTION	31/32	33/34	35	36	37
1	BUSHING COVER	2	2	2	2	2
2	ADAPTER PLT(NOT SHOWN)	2	N/A	2	N/A	1
3	BOLTS	8	8	8	12	4
4	SCREWS	8	N/A	N/A	N/A	4