REPLACING GEAR RACK OR PACK ON EMBEDDED RACK SLIDE-OUT

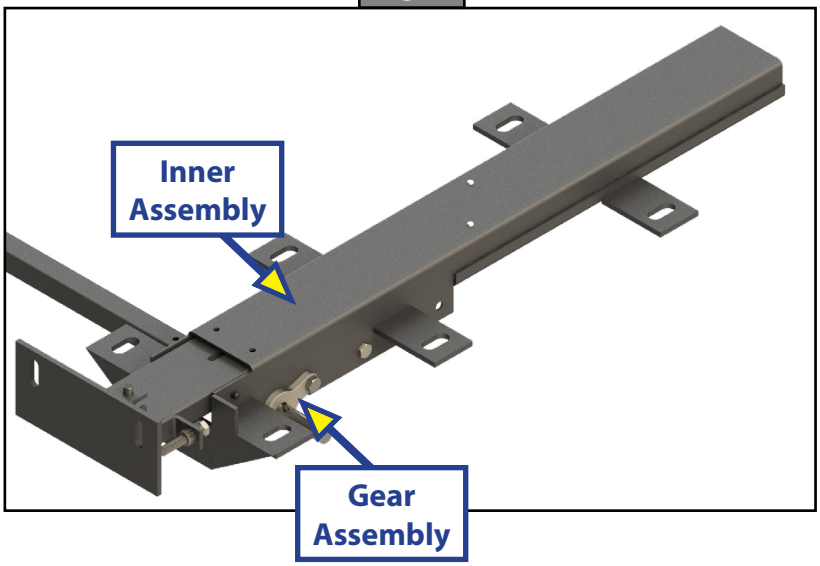
TI-002

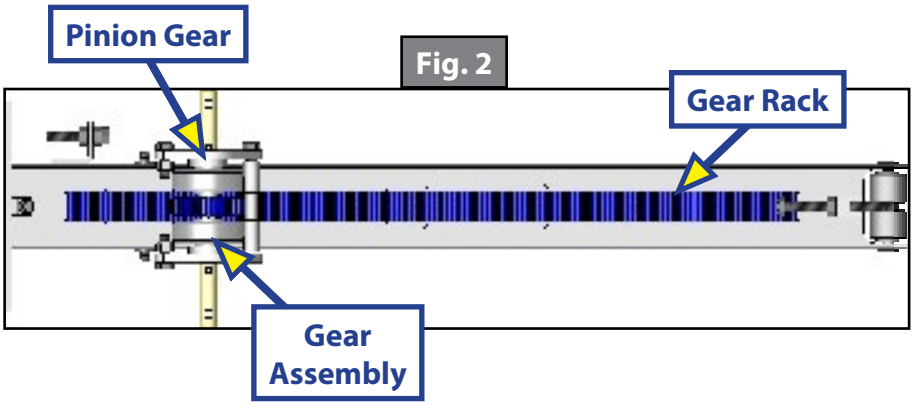
SLIDE-OUTS

1. Consult TI-001 to determine pitch between teeth to identify gear rack.
2. If gear rack has 14.5º D.P., the pinion gear and the complete inner arm of the slide-out system must be replaced.
3. If gear rack has 20º D.P. and just have broken or worn teeth on the pinion gear, the gear pack can be replaced with part number 140418. If the gear rack teeth are broken or worn, the complete inner arm must be replaced.

NOTE: To prevent any damage to the LCI Embedded Rack Slide-out System, the slide-out room or the unit, the slide-out room must be supported to get the weight off the slide-out arms. Supporting the room will allow service to be performed on the slide-out system, whether it be to replace the gear pack or the inner arm.

Fig. 1

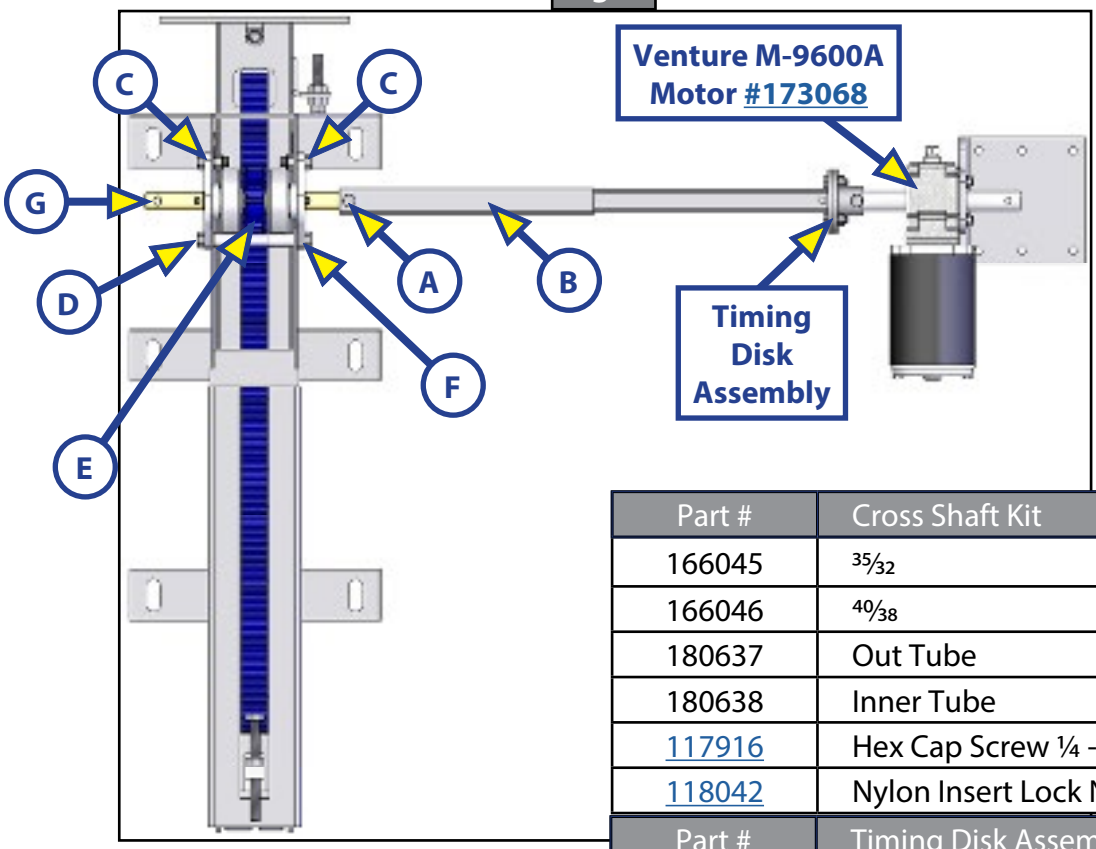




Replacing Pinion Gear

1. Disconnect at least one lead from the motor.
2. Remove bolt (A) from drive shaft noting the position of the drive shaft. The bolt (A) and drive shaft (B) must go back to the same position as it was before removing the bolt (Fig. 3).
3. Disengage timing coupler from gear assembly drive shaft and slide it along drive tube to free gear rack drive shaft.
4. Remove bolts from front of gear pack (C). Remove bolt on back of gear pack but do not remove (D).
5. Replace old gear pack with new gear pack.
6. Reverse steps 1 through 4.
7. Check timing on room and adjust accordingly.

Fig. 3



Part #	Cross Shaft Kit
166045	35⁄32
166046	40⁄38
180637	Out Tube
180638	Inner Tube
117916	Hex Cap Screw ¼ - 20 x 1 7⁄16"
118042	Nylon Insert Lock Nut ¼ - 20

Part #	Timing Disk Assembly
115512	Timing Disk Assembly
105482	Timing Disk
102674	Cross Shaft Adapter
117916	Hex Cap Screw ¼ - 20 x 1 7⁄16"
118042	Nylon Insert Lock Nut ¼ - 20

Replacing Inner Slideout Arm

1. Disconnect at least one lead from the motor.
2. Remove bolt from drive shaft (A) noting the position of the drive shaft. The bolt and drive shaft must go back to the same position as it was before removing the bolt.
3. Disengage timing coupler from gear assembly drive shaft and slide it along drive tube to free gear rack drive shaft (B).
4. Remove bolts from front of gear pack (C). Loosen bolt on back of gear pack but do not remove (D).
5. Pivot gear assembly on rear bolt to disengage pinion gear (E) from gear rack.
6. Remove old inner slideout arm and replace with new inner slide-out arm (Fig. 2).
7. Reverse steps 1 through 5.
8. Check timing on room and adjust accordingly.

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