

## FIT CHAIN RING ASSEMBLY

This tutorial shows how to fit the Chain Ring Assembly into the XE-1

### 1. Work Instruction – Fit Chain Ring Assembly

#### TOOLS REQUIRED

| ID      | Description  | Task   |
|---------|--|--|
| JP00060 | TOOL, LOCKING RING, ISIS, WITH CORE, STD                         | Remove Chain Ring Spider Lock Nut (Ring)   |
|         | 19 mm Ring or Open-Ended Wrench                                  | Remove Chain Ring Spider Lock Nut (Ring)   |
|         | Generic round bar or Cassette Removal Tool with long chain whip. | Hold Chain Ring to prevent it from rotating when tightening Chain Ring Spider Lock Nut |

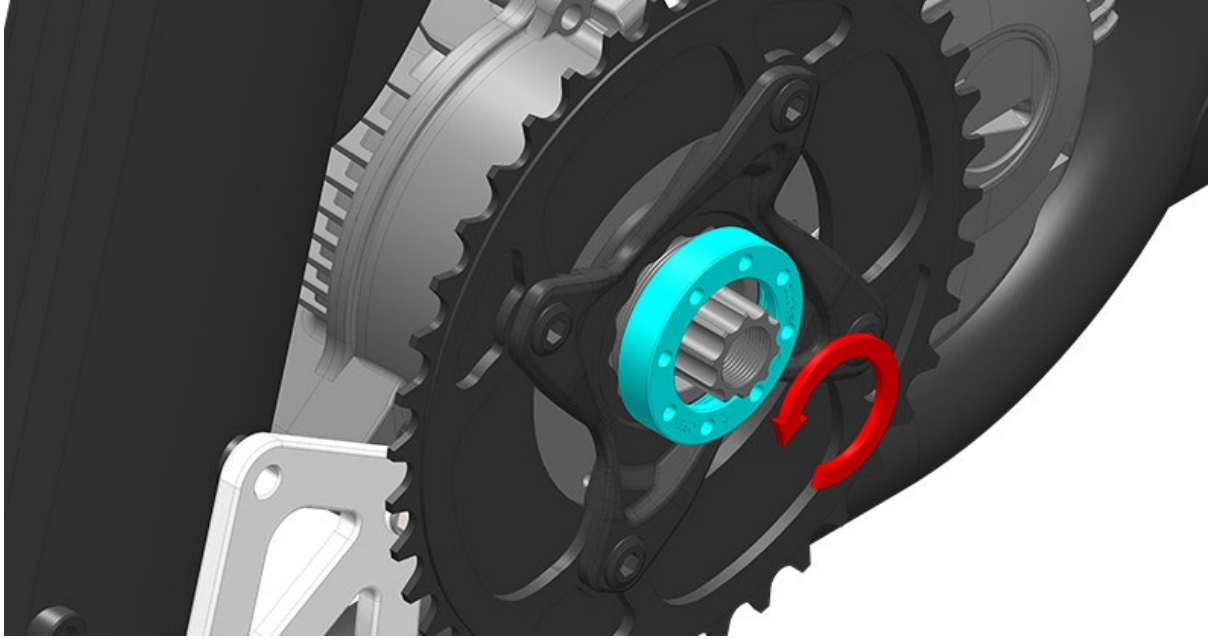
**INFORMATION:** Inspect the Chain Ring for excessive wear. For the Chain Ring, Chain, and Sprocket to work well together all components must have a similar pitch (state of wear).

1.1 Place the Chain Ring Assembly onto the Motor Drive Shaft Spline.



1.2 Place the Lock Nut onto the Motor Drive Shaft and fasten by rotating the round Lock Nut

anti-clockwise. [Tools: TOOL, LOCKING RING, ISIS, WITH CORE, STD].



**INFORMATION:** Screw the tool core into the axle, place the main tool body with pins over the core and to engage the 8 Lock Nut holes. Using a 19 mm wrench, rotate the tool and Lock Nut anti-clockwise to fasten. Use a round bar or Cassette Removal Tool with long chain whip to stop the Chain Ring from spinning while tightening.