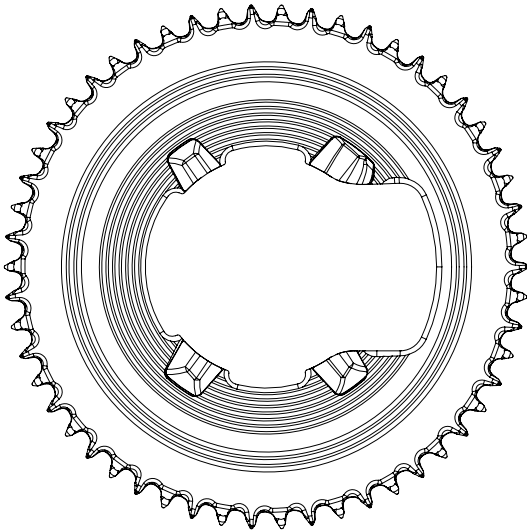


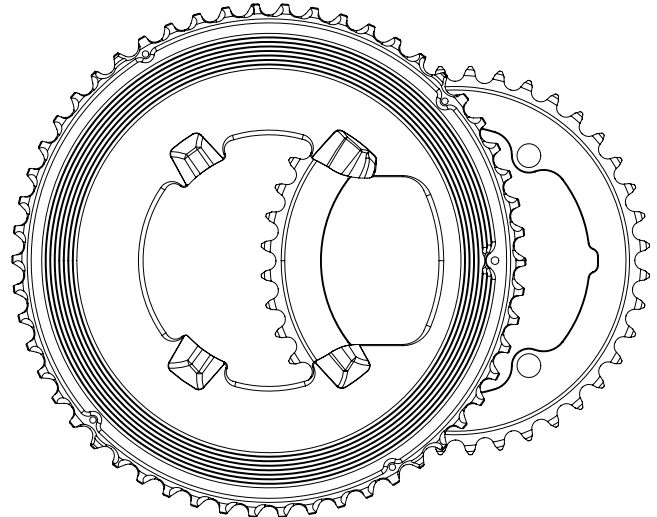
# DRIVELINE INFORMATION & INSTALLATION GUIDE



## Ecosystem



**1X Driveline**



**2X Driveline**

## Compatibility

### 1X Driveline

The Driveline Ecosystem is available in Shimano, 4x110BCD and Quarq D4 compatible versions as seen below. For all bike fitment information, please visit the Sync Ergonomics website.

#### 1X - Shimano

- DURA-ACE R9200, DURA-ACE R9100, ULTEGRA R8100, ULTEGRA R8000 (using crank-specific chainring caps/bolts)
- 11 and 12 speed compatibility, including SRAM Flattop and SRAM T-Top
- YBN SLA chain (11 or 12sp) recommended.

#### 1X - 4x110BCD

- SIGEYI, ROTOR (InSpider), Magene, XCADEY, power2max.

*Note: 4x110 BCD chainrings are not compatible with Shimano cranksets, please see Shimano chainring variants listed above)*

- 11 and 12 speed compatibility, including SRAM Flattop and SRAM T-Top
- YBN SLA chain (11 or 12sp) recommended

## 1X - Quarq D4

The Quarq D4 spider was originally designed for compatibility with Shimano 9100 chainrings.

Our Quarq D4 chainrings (1x and 2x) are only compatible with Quarq D4 spiders, and use the Shimano 9100 chainring caps

Compatibility

2X Driveline

## 2X - Shimano

- DURA-ACE R9200, DURA-ACE R9100, ULTEGRA R8100, ULTEGRA R8000 (using crank-specific chainring caps/bolts)
- 11 and 12 speed compatibility, **excluding** SRAM Flattop and SRAM T-Top

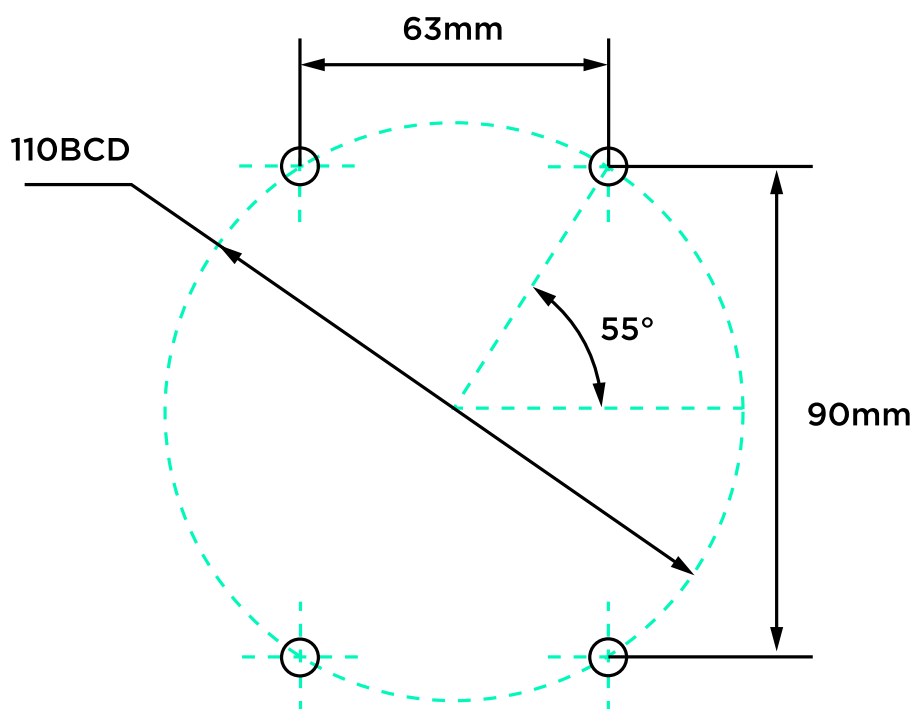
## 2X - 4x110BCD

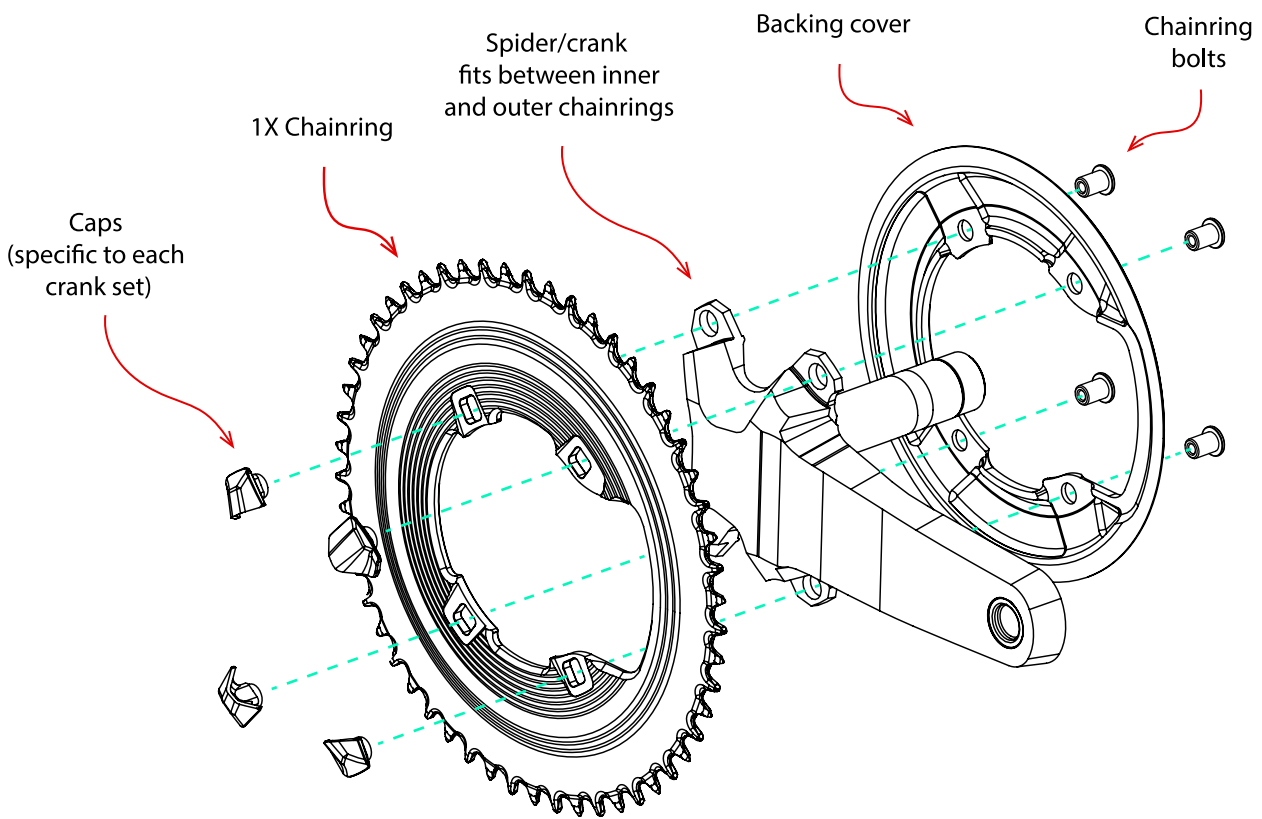
- SIGEYI, ROTOR (InSpider), Magene, XCADEY, power2max.

*Note: 4x110 BCD chainrings are not compatible with Shimano cranksets, please see Shimano chainring variants listed above)*

- 11 and 12 speed compatibility, **excluding** SRAM Flattop and SRAM T-Top

## Identifying a 110BCD Asymmetric Interface





## Installation

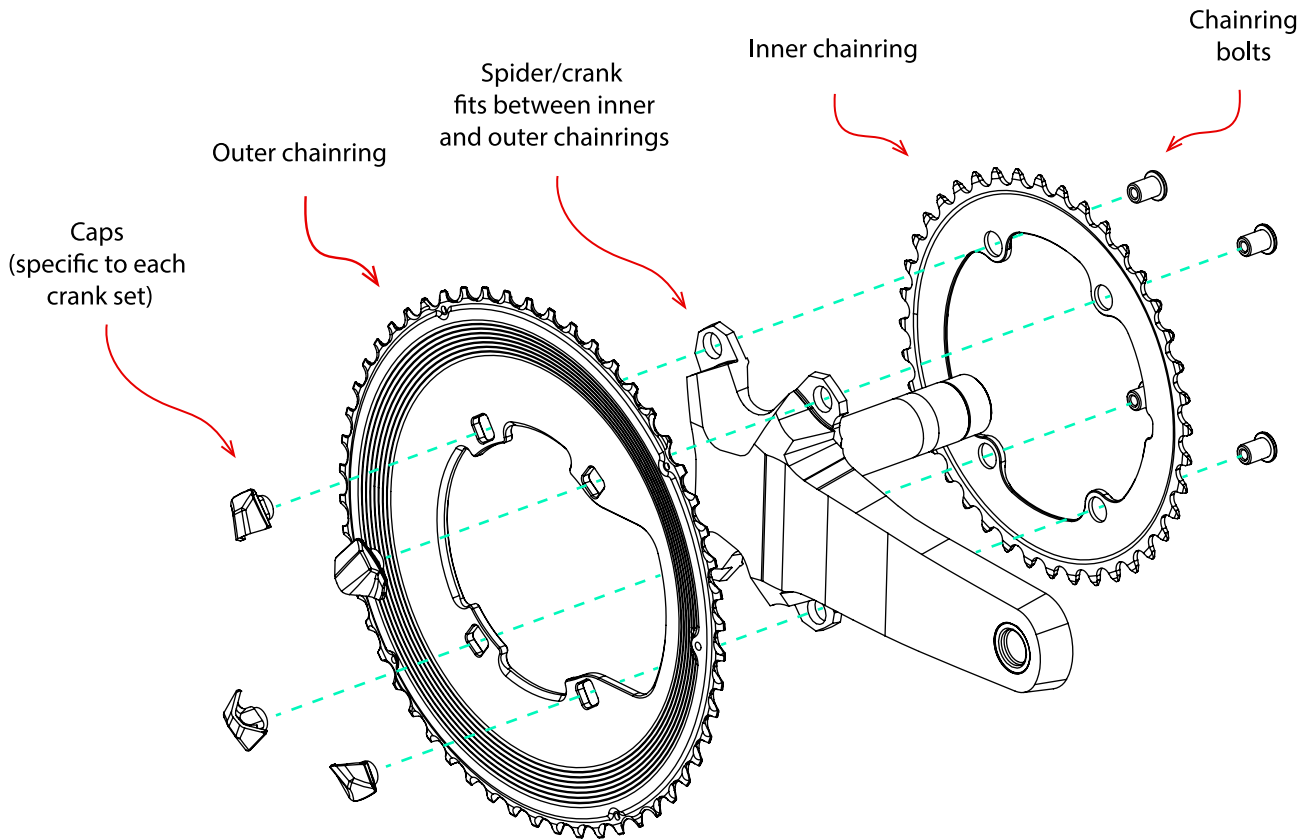
**STEP 1:** Insert the chainring caps into the chainring body, matching the corresponding cap-dots to those marked on each chainring hole.



**STEP 2:** Feed the crank through the chainring, locating with the chainring caps. The chainring must be installed on the outside of the crank, as seen in the visual assembly above.

**STEP 3:** Place the backing plate over the inside of the crank, matching the crank cutout to the chainring on the outer side.

**STEP 4:** Install included chainring bolts, using **anti-seize** compound. Torque chainring bolts to **5 n.m.**



## Installation

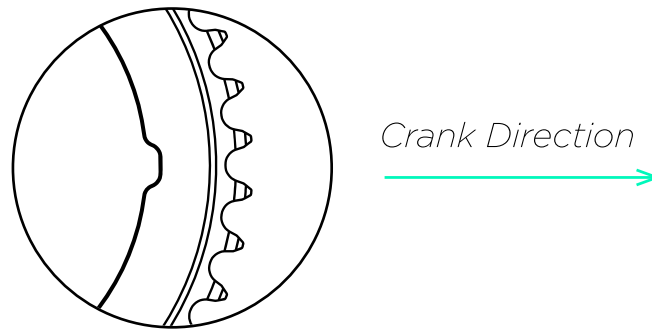
**STEP 1:** Insert the chainring caps into the chainring body, matching the corresponding cap-dots to those marked on each chainring hole.

**Please note:** This is a locating fit, and there may be some resistance when installing. **1X Chainring Caps are not compatible with 2X Chainrings.**



**STEP 2:** Feed the crank through the chainring, **with the cutout facing towards the crank.** The chainring must be installed on the outside of the crank, as seen above.

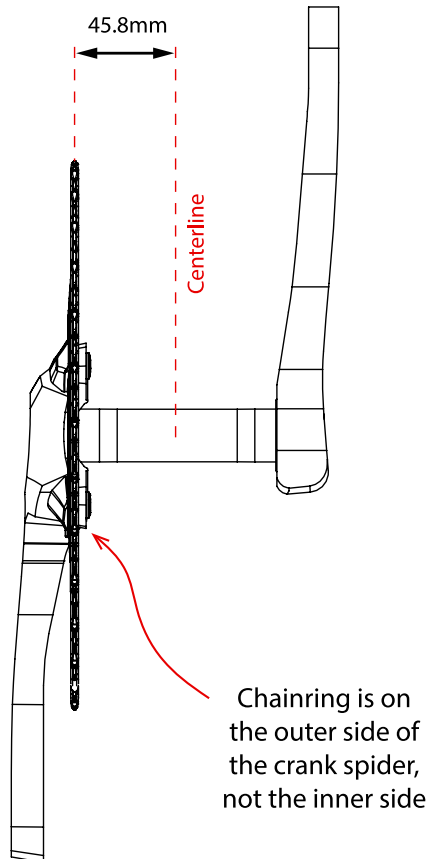
**STEP 3:** Place the inner chainring over the inside of the crank, locating on the ends of the chainring caps. **Make sure the inner chainring notch also matches the direction of the crank.**



**STEP 4:** Install included chainring bolts, using Motorex Bike Grease. Torque chainring bolts to **5 n.m.**

### Recommended Chainlines

#### 1X Driveline



#### 2X Driveline

