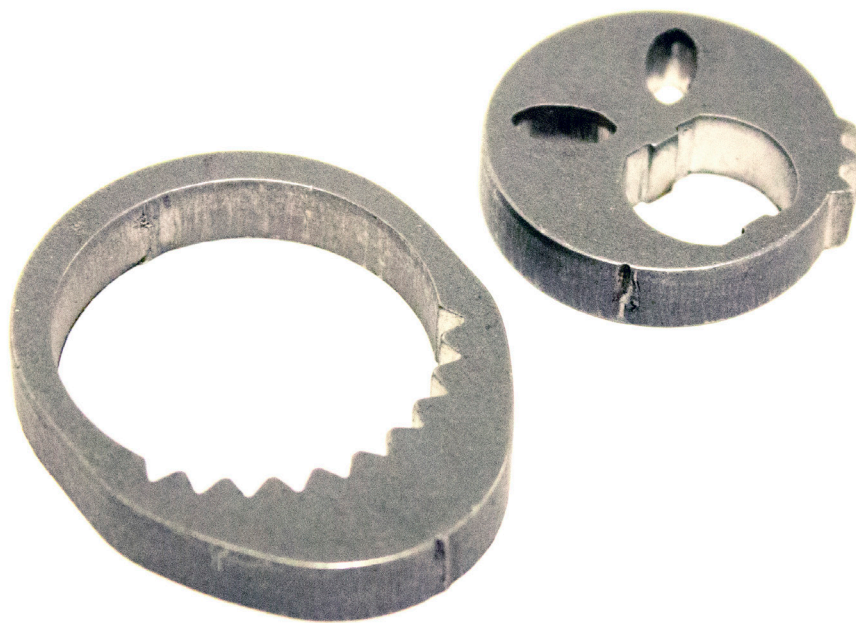


# Flyin' Miata

## Paco Motorsports eccentric locks 13-982X1



Thanks for purchasing our Paco Motorsports eccentric locks. These will ensure that you alignment cams / eccentrics won't slip, saving alignments, headaches, and wasted track days.

**WARNING: Not everyone can perform every installation. It is critical that you be honest with yourself in regards to your ability. We're more than happy to help, but there are only so many things we can do from the other end of a phone / computer. If in doubt, discuss the install with us before you dive in. Improper installation could cause injury and / or death!**

### Torque specs

- **Front eccentric bolts: 69-83 lb-ft**
- **Rear eccentric bolts: 54-70 lb-ft**

1. Perform an alignment as normal, **WITHOUT** the locks installed.
2. Install the locks as shown. If the outside piece doesn't fit with the orientation of the bolt, flip it over - the teeth are offset. Since the teeth create steps, it's possible that neither orientation will match the inner ring perfectly. Choose the closest one and rotate the eccentric bolt slightly so that it lines up. Tighten the bolt to the torque specs above, and never worry about slipping eccentrics again.



We recommend the alignment specs below, but feel free to deviate as needed. If you call asking for the super-secret alignment specs that we keep to ourselves and don't give customers, they don't exist. We use these specs on 95% of the cars we drive and work on, typically only dedicated track cars will deviate.

### Front

Caster: 5.0 degrees

Camber: 1.0 degrees negative

Toe-in: 1/16" total

### Rear

Camber: 1.5 degrees negative

Toe-in: 1/16" total

### Conversions

1/16" = .15° = 9 arcminutes