

### SEI6 Application Guide

| Engine                   | Upper      | Lower     | C.R Lower | Notes                                      |
|--------------------------|------------|-----------|-----------|--|
| 3.0L 4 Cyl. 1991-1995    | 90-116-01A | 90-116-02 | 90-118-02 |  |
| 3.0L 4 Cyl. 1996-Present | *          | *         | N/A       | See "Special notes for 3.0L Engines" below |
| 4.3L V6                  | 90-116-01B | 90-116-02 | 90-118-02 | Verify Ratio. May be a 1.62                |
| 5.0L V8                  | 90-116-01C | 90-116-02 | 90-118-02 | Verify Ratio. May be a 1.47                |
| 5.7L V8                  | 90-116-01D | 90-116-02 | 90-118-02 | Verify Ratio. May be a 1.62                |

### Ratio/Tooth Count Chart

| SIE #      | Ratio               | Drive Gear | Driven Gear | Notes                        |
|------------|---------------------|------------|-------------|------------------------------|
| 90-116-01A | 1.94                | 20         | 24          | Used to be called a 1.98     |
| 90-116-01B | 1.81                | 17         | 19          | Used to be called a 1.84     |
| 90-116-01C | 1.62/ 2.00          | 24         | 24          | Used to be called a 1.65     |
| 90-116-01D | 1.47                | 22         | 20          | Used to be called a 1.50     |
| 90-116-02  | Std. Lower          | 13         | 21          | Old tooth count was 17/28    |
| 90-116-02H | High Altitude Lower | 14         | 28          | Used on 2.00 and 2.40 drives |

#### \*Special notes for 3.0L Engines

Starting in 1996 or so, Mercruiser® started using a 2.00 ratio drive on the 3.0L engines. While it is very close to the 1.94/ 1.98 used in prior years, it is important to note that you cannot mix and match the uppers and lowers between the different ratios. They also had a 2.40 ratio available for high altitude locations. It is important to verify the ratio that you currently have when replacing a portion of the drive. You can do this a couple of ways.

The easiest, if the drive is original, is to look on the port side of the upper drive, where the decal is. Sometimes the ratio will be stamped there. You can also count the teeth on the upper gears. If there is some reason to believe that the boat was set up for high altitude, it is best to check both the upper and lower gear tooth counts.

| Ratio     | Upper / Tooth Count | Lower / Tooth Count | Notes                                     |
|-----------|---------------------|---------------------|---|
| 1.94/1.98 | 90-116-01A / 20/24  | 90-116-02 / 13/21   | May also use the older 17/28 lower gears. |
| 2.00      | 90-116-01C / 24/24  | 90-116-02H / 14/28  |   |
| 2.40      | 90-116-01A / 20/24  | 90-116-02H / 14/28  | Used for high altitude                    |