

## 4. Drive Pinion Assembly

Preload adjustment of thrust bearing

Starting torque

0.3 — 0.8 N·m (0.03 — 0.08 kg-m, 0.2 — 0.6 ft-lb)

| Adjusting washer No. 1 |                   |
|------------------------|-------------------|
| Part No.               | Thickness mm (in) |
| 803025051              | 3.925 (0.1545)    |
| 803025052              | 3.950 (0.1555)    |
| 803025053              | 3.975 (0.1565)    |
| 803025054              | 4.000 (0.1575)    |
| 803025055              | 4.025 (0.1585)    |
| 803025056              | 4.050 (0.1594)    |
| 803025057              | 4.075 (0.1604)    |

| Adjusting washer No. 2 |                   |
|------------------------|-------------------|
| Part No.               | Thickness mm (in) |
| 803025059              | 3.850 (0.1516)    |
| 803025054              | 4.000 (0.1575)    |
| 803025058              | 4.150 (0.1634)    |

Assemble a driven shaft and 1st driven gear that are selected for the proper radial clearance adjustment

| Driven shaft |                                      | 1st driven gear |
|--------------|--------------------------------------|-----------------|
| Part No.     | Diameter A mm (in)                   | Part No.        |
| 32229AA150   | 49.959 — 49.966<br>(1.9669 — 1.9672) | 32231AA730      |
| 32229AA140   | 49.967 — 49.975<br>(1.9672 — 1.9675) | 32231AA720      |

## 5. Reverse Idler Gear

Adjustment of reverse idler gear position

Reverse idler gear to transmission case (LH) wall clearance

6.0 — 7.5 mm (0.236 — 0.295 in)

| Reverse shifter lever |      |                         |
|-----------------------|------|-------------------------|
| Part No.              | Mark | Remarks                 |
| 32820AA070            | 7    | Further from case wall  |
| 32820AA080            | 8    | Standard                |
| 32820AA090            | 9    | Closer to the case wall |

After installing a suitable reverse shifter lever, adjust reverse idler gear to transmission case wall clearance to within 0 to 0.5 mm (0 to 0.020 in) using washers.

| Washer (20.5 × 26 × t) |                   |           |                   |
|------------------------|-------------------|-----------|-------------------|
| Part No.               | Thickness mm (in) | Part No.  | Thickness mm (in) |
| 803020151              | 0.4 (0.016)       | 803020154 | 1.9 (0.075)       |
| 803020152              | 1.1 (0.043)       | 803020155 | 2.3 (0.091)       |
| 803020153              | 1.5 (0.059)       | —         | —                 |