

| | | |
|--|---------------------------|--------------------------------------|
| Last Modified: 12-04-2024 | 6.11:8.1.0 | Doc ID: RM100000029ZC5 |
| Model Year Start: 2023 | Model: Prius Prime | Prod Date Range: [12/2022 -] |
| Title: SPECIFICATIONS: PA10/PB10/PB12 HYBRID TRANSMISSION / TRANSAXLE: TORQUE SPECIFICATIONS; 2023 - 2024 MY Prius Prius Prime [12/2022 -] | | |

TORQUE SPECIFICATIONS

Hybrid Transaxle System

| PART TIGHTENED | N*M | KGF*CM | FT.*LBF | IN.*LBF |
|--|-----|--------|---------|---------|
| Bolt x Hybrid vehicle transaxle assembly | 8.0 | 82 | | 71 |

PA10 Hybrid Vehicle Transaxle

| PART TIGHTENED | N*M | KGF*CM | FT.*LBF | |
|---|----------|--------|---------|----|
| Transaxle breather plug x Hybrid vehicle transaxle assembly | 11.3 | 115 | 8 | |
| Stud bolt x Hybrid vehicle transaxle assembly | 30 | 306 | 22 | |
| Transaxle housing plug x Hybrid vehicle transaxle assembly | 39.2 | 400 | 29 | |
| Wire harness clamp bracket x Hybrid vehicle transaxle assembly | Bolt (A) | 10 | 102 | 7 |
| | Bolt (B) | 20 | 204 | 15 |
| No. 2 engine moving control rod x Hybrid vehicle transaxle assembly | 44 | 449 | 32 | |
| Front suspension crossmember sub-assembly x No. 2 engine moving control rod | 170 | 1734 | 125 | |
| Engine assembly x Hybrid vehicle transaxle assembly | 33 | 337 | 24 | |
| Starter hole insulator x Engine assembly | 46 | 469 | 34 | |
| Engine wire x Front suspension crossmember sub-assembly | 13 | 133 | 10 | |

PB10/PB12 Hybrid Vehicle Transaxle

| PART TIGHTENED | N*M | KGF*CM | FT.*LBF |
|---|------|--------|---------|
| Transaxle breather plug x Hybrid vehicle transaxle assembly | 11.3 | 115 | 8 |

| PART TIGHTENED | | N*M | KGF*CM | FT.*LBF |
|---|---------------|------|--------|---------|
| Transaxle housing plug x Hybrid vehicle transaxle assembly | | 39.2 | 400 | 29 |
| Stud bolt x Hybrid vehicle transaxle assembly | | 30 | 306 | 22 |
| No. 1 water hose clamp bracket x Hybrid vehicle transaxle assembly | | 19 | 194 | 14 |
| Wire harness clamp bracket x Hybrid vehicle transaxle assembly | | 20 | 204 | 15 |
| No. 2 engine moving control rod x Hybrid vehicle transaxle assembly | | 44 | 449 | 32 |
| Front suspension crossmember sub-assembly x No. 2 engine moving control rod | | 170 | 1734 | 125 |
| Engine assembly x Hybrid vehicle transaxle assembly | Bolt (A), (B) | 64 | 653 | 47 |
| | Bolt (C) | 25 | 255 | 18 |
| | Bolt (D) | 46 | 469 | 34 |
| Starter hole insulator x Engine assembly | | 46 | 469 | 34 |
| Engine wire x Front suspension crossmember sub-assembly | Bolt (A) | 13 | 133 | 10 |
| Engine wire x Hybrid vehicle transaxle assembly | Bolt (B) | 20 | 204 | 15 |

Motor Cable

| PART TIGHTENED | | N*M | KGF*CM | FT.*LBF |
|--|--|-----|--------|---------|
| Motor cable x Hybrid vehicle transaxle assembly | | 10 | 102 | 7 |
| Terminal cap x Hybrid vehicle transaxle assembly | | 10 | 102 | 7 |

Hybrid Transaxle Fluid

| PART TIGHTENED | | N*M | KGF*CM | FT.*LBF |
|---|--|-----|--------|---------|
| Filler plug x Hybrid vehicle transaxle assembly | | 50 | 510 | 37 |
| Drain plug x Hybrid vehicle transaxle assembly | | 50 | 510 | 37 |

PA10 Oil Cooler

| PART TIGHTENED | N*M | KGF*CM | FT.*LBF |
|--|------|--------|---------|
| Motor cooling cooler x Hybrid vehicle transaxle assembly | 17.5 | 178 | 13 |

PB10/PB12 Oil Cooler

| PART TIGHTENED | N*M | KGF*CM | FT.*LBF |
|--|------|--------|---------|
| Motor cooling cooler x Hybrid vehicle transaxle assembly | 17.5 | 178 | 13 |

Shift Lever

| PART TIGHTENED | N*M | KGF*CM | FT.*LBF |
|---|-----|--------|---------|
| Transmission floor shift assembly x Floor shift link bracket sub-assembly | 12 | 122 | 9 |

Shift Control Actuator

| PART TIGHTENED | N*M | KGF*CM | FT.*LBF |
|--|------|--------|---------|
| Shift control actuator bracket x Hybrid vehicle transaxle assembly | 17.5 | 178 | 13 |
| Shift control actuator assembly x Shift control actuator bracket | 17.5 | 178 | 13 |

