

OIL AND OIL FILTER

| Part Tightened | N*m | kgf*cm | ft.*lbf |
|---|-----|--------|---------|
| Oil pan drain plug x No. 2 oil pan sub-assembly | 38 | 387 | 28 |
| Oil filter cap x Oil pan sub-assembly | 25 | 255 | 18 |

OIL PRESSURE SWITCH

| Part Tightened | N*m | kgf*cm | ft.*lbf |
|---|-----|--------|---------|
| Oil pressure switch assembly x Oil pan sub-assembly (w/o Oil Pressure Gauge) | 15 | 153 | 11 |
| Oil pressure sender gauge assembly x Oil pan sub-assembly (w/ Oil Pressure Gauge) | 15 | 153 | 11 |

OIL LEVEL SENSOR

| Part Tightened | N*m | kgf*cm | ft.*lbf |
|--|-----|--------|---------|
| Engine oil level sensor x Oil pan sub-assembly | 10 | 102 | 7 |

OIL PUMP

| Part Tightened | N*m | kgf*cm | ft.*lbf | in.*lbf |
|--|------------------|--------|---------|---------|
| Plug x Oil regulator assembly | 50 | 510 | 37 | |
| Plug x Oil pressure regulator assembly | 50 | 510 | 37 | |
| Oil pump assembly x Cylinder block | 10 | 102 | 7 | |
| Rear engine oil seal retainer x Cylinder block | 10 | 102 | 7 | |
| Oil regulator assembly x Oil pump assembly | 10 | 102 | 7 | |
| Oil strainer sub-assembly x Cylinder block | 10 | 102 | 7 | |
| Outlet oil pump pipe sub-assembly x Oil pan sub-assembly | 10 | 102 | 7 | |
| Oil pan sub-assembly x Cylinder block | 24.5 | 250 | 18 | |
| Lower oil filter element cover x Oil pan sub-assembly | 10 | 102 | 7 | |
| No. 2 oil pan sub-assembly x Oil pan sub-assembly | 10 | 102 | 7 | |
| Turbocharger stay x Turbocharger and oil pan sub-assembly | 48.5 | 495 | 36 | |
| Ventilation tube sub-assembly x Oil pan sub-assembly | 29 | 296 | 21 | |
| No. 3 vacuum transmitting pipe sub-assembly x Oil pan sub-assembly | 6.0 | 61 | | 53 |
| Engine wire bracket x Cylinder block and oil pan sub-assembly | 10 | 102 | 7 | |
| Inlet turbo oil pipe sub-assembly x Oil pan sub-assembly | for bolt | 21 | 214 | 15 |
| | for union bolt | 29 | 296 | 21 |
| Oil cooler pipe x Oil pan sub-assembly | 10 | 102 | 7 | |
| V-ribbed belt tensioner assembly x Oil pan sub-assembly and timing chain cover subassembly | for bolt A and C | 43 | 438 | 32 |
| | for bolt B | 21 | 214 | 15 |
| Idler pulley sub-assembly x V-ribbed belt tensioner assembly | 43 | 438 | 32 | |
| Hose bracket x V-ribbed belt tensioner assembly | 10 | 102 | 7 | |
| No. 3 intake air connector pipe x Oil pan sub-assembly | 21 | 214 | 15 | |
| No. 3 intake air connector pipe x hose clamp bolt | 6.0 | 61 | | 53 |
| No. 1 engine oil level dipstick guide x Transverse engine mounting bracket RH | 10 | 102 | 7 | |

SCAVENGING PUMP

| Part Tightened | N*m | kgf*cm | ft.*lbf |
|---|-----|--------|---------|
| Scavenging pump assembly x Cylinder block | 10 | 102 | 7 |

ENGINE OIL COOLER

| Part Tightened | N*m | kgf*cm | ft.*lbf |
|---|------------|---------------|----------------|
| No. 1 oil cooler bracket x Oil pan sub-assembly | 21 | 214 | 15 |
| Oil cooler assembly x No. 1 oil cooler bracket | 21 | 214 | 15 |
| Oil cooler relief valve assembly x No. 1 oil cooler bracket | 24,5 | 250 | 18 |