

## 30,000 Mile or 24 Month Maintenance: 00–05

| Procedure Performed (check off or initial) | 30,000 Mile (48 270 km) or 24 Month Maintenance*  | MOP                                 |
|--|---|-------------------------------------|
| Inspect _____                              | Engine Drive Belt Inspecting  | 01–01                               |
| Check _____                                | Engine-Support Fasteners Checking   | 01–02                               |
| Change _____                               | Engine Oil and Filter (see the engine manufacturer's manual)                                    | —                                   |
| Change _____                               | Air Cleaner Replacement   | 09–01                               |
| Inspect _____                              | Charge Air Cooler (CAC) Inspection and Cleaning (if cleaning is needed)                         | 09–02                               |
| Inspect _____                              | Air Compressor Inspection   | 13–01                               |
| Check _____                                | Alternator, Battery, and Starter Connections Check  | 15–01                               |
| Inspect/<br>Check _____                    | Radiator (radiator cap, coolant freeze points, SCA levels, hose routing for chaffing and leaks) | 20–01,<br>20–02,<br>20–03           |
| Change _____                               | Mechanical Fan Drive Gearbox Oil Change   | 20–04                               |
| Lubricate _____                            | Mechanical Fan Drive Gearbox Lubrication  | 20–05                               |
| Change _____                               | Transmission Fluid and Filter (if required by Allison)  | 26–03                               |
| Inspect _____                              | Transmission Hose Routing for Chaffing and Leaks  | —                                   |
| Lubricate _____                            | Throttle Pedal Pivot Pin Lubricating  | 30–01                               |
| Check _____                                | Suspension Fastener Torque Check  | 32–01                               |
| Check _____                                | Suspension Height Control Valve Check   | 32–02                               |
| Lubricate _____                            | ZF IFS Lubrication  | 32–04                               |
| Check _____                                | Suspension U-Bolt Torque Check  | 32–06                               |
| Inspection _____                           | V-Ride Rear Suspension Inspection   | 32–07                               |
| Lubricate _____                            | Knuckle Pin Lubricating†  | 33–01                               |
| Lubricate _____                            | Tie-Rod End Lubricating and Inspecting†   | 33–02                               |
| Inspect _____                              | Wheel End Inspecting  | 33–04                               |
| Check/<br>Change _____                     | Oil-Filled Hubs Oil Changing (front and tag axle)   | 33–05,<br>33–06,<br>35–04,<br>35–05 |
| Check _____                                | Axle Seals for Leaks  | —                                   |
| Change _____                               | Axle Lubricant Changing and Magnetic Plug Cleaning (Detroit and Meritor axles)                  | 35–02                               |
| Check _____                                | Axle Breather Checking  | 35–03                               |
| Check _____                                | Wheel Nut Checking  | 40–01                               |
| Check _____                                | Tire Pressure   | —                                   |
| Lubricate _____                            | Driveline Inspection and Lubrication  | 41–01                               |
| Inspect _____                              | Brake System Valves Inspecting  | 42–01                               |

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| Inspect _____                              | Air Dryer and Air Lines for Proper Routing, Chaffing, and Leaks                 | 42-02 |
| Lubricate _____                            | Camshaft Bracket Bushing Lubricating  | 42-04 |
| Lubricate _____                            | Slack Adjuster Lubricating  | 42-05 |
| Lubricate _____                            | Foot Brake Valve Actuator Lubricating   | 42-06 |
| Inspect _____                              | Bendix Hydro-Max® Brake System Inspecting (front-engine only)                   | 42-07 |
| Lubricate _____                            | Brake Caliper Slide Pin Lubricating, Bosch Brakes (front-engine diesel chassis) | 42-08 |
| Check _____                                | Brake Lines Checking, Hydraulic Disc or Air Brakes                              | 42-09 |
| Check _____                                | Brake Lining Wear Checking, Hydraulic Disc Brakes (front-engine only)           | 42-10 |
| Inspect _____                              | Brake Inspecting (air brakes)   | 42-11 |
| Lubricate _____                            | Meritor Roller Pin Lubricating  | 42-12 |
| Drain _____                                | Air Tanks   | —     |
| Lubricate _____                            | Drag Link Lubricating   | 46-01 |
| Change _____                               | Power Steering Fluid and Filter Changing  | 46-03 |
| Lubricate _____                            | Steering Driveline Lubricating  | 46-04 |
| Lubricate _____                            | Steering Gear Lubricating   | 46-05 |
| Change _____                               | Hydraulic Reservoir Filter Changing (including TRW)                             | 46-06 |
| Inspect _____                              | Fuel Tank Mounts and Fuel Line Checking   | 47-01 |
| Change _____                               | Fuel Filters  | —     |
| Inspect _____                              | Exhaust System Inspecting   | 49-01 |
| Check _____                                | Ground Cables Checking and Cleaning   | 54-01 |
| Inspect _____                              | Air Conditioner Component Inspection  | 83-01 |
| Customer‡ _____ Date _____                 |   |       |

\* Additional copies are available on the Freightliner Custom Chassis Corporation website ([www.freightlinerchassis.com](http://www.freightlinerchassis.com)).

† For vehicles with Detroit axles, complete this procedure once a year or every 25,000 miles (40 000 km), whichever comes first.

‡ Your signature on this form indicates that you have reviewed and agree to the service items to be performed. Any items you wish to exclude should be indicated with a "no" to the left of that service item.