

RETARDER INSPECTION

It is recommended that the following inspections are incorporated into the routine vehicle maintenance at the intervals appropriate to the mileage and type of operation.

For details of torque settings of retarder fasteners, please refer to the appropriate specification sheet

RECOMMENDED INSPECTION FOR CE, CC AND M SERIES RETARDERS

- Check condition of retarder for cleanliness, physical damage

- Check propshaft coupling fasteners are secure
- Check condition of propshaft universal joints and sliders

- Check condition of retarder connector block, power cable and connections
- Check condition of earth cable and connections
- Check current draw or resistance per stage

- Check condition of heat and grease shields
- Check condition of vehicle system pipes, cables, etc., in the vicinity of the retarder

- Check condition of greasing point and air escape tube
- Check condition and security of retarder side-plate bolts
- Check condition and security of anti-vibration mounts and fasteners

- Check retarder Rotor air-gaps are within tolerance around the retarder for both rotors

If the rotor air gaps are out of tolerance, further checks may be necessary, including inspection for

- Retarder bearing play
- Loose fasteners