

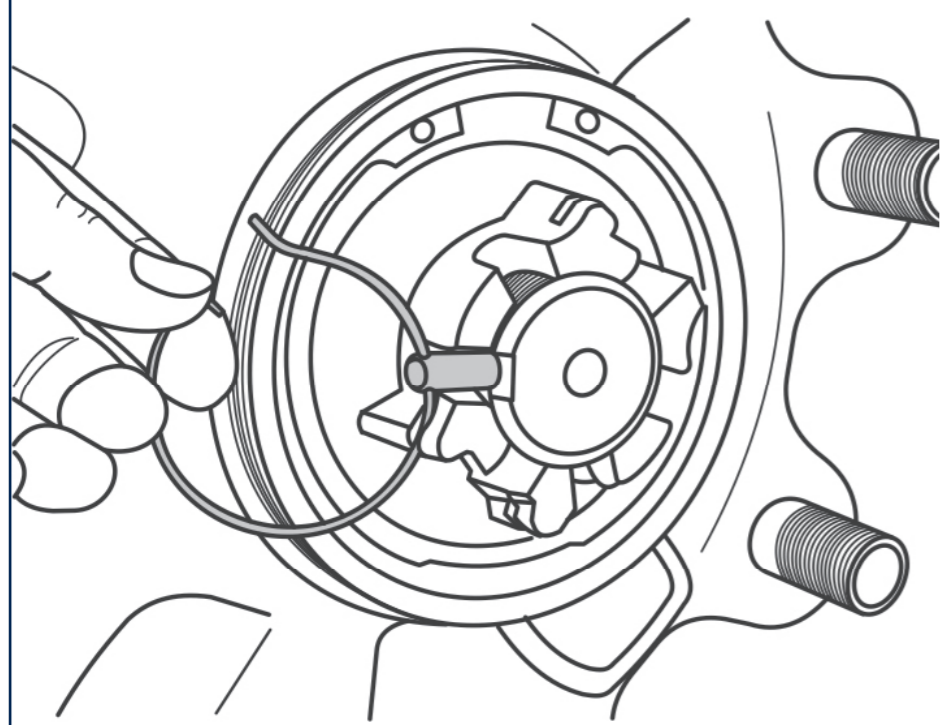


we think transport

WORKSHOP SERVICE

HUB

ECO and ECO Maxx Hub System



Latest every 3 years or maximum every 500,000 km (Western European road conditions). Annually in use outside Europe.

Clean taper roller bearings and seals (using e.g. Diesel oil) thoroughly. Dry and check for re-useability. Replace grease seal.

Work BPW special longlife grease (ECO Li-Plus) thoroughly into the cavities between taper rollers and the cage in both the taper roller bearings.

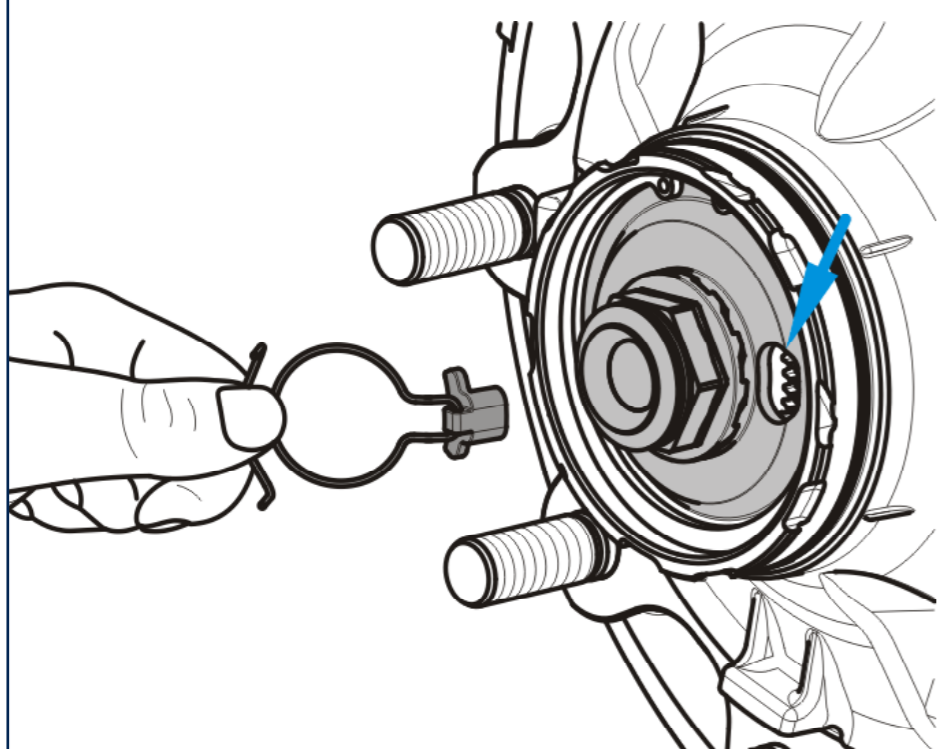
Smear grease into the hub's outer bearing race. Smear the lip of the new seal all round with BPW special longlife grease - ECO Li-Plus.

Clean the bearing journals of the axle stub (metal must be bright and dry). Smear with ECO Li-Plus grease.

Fit the wheel hub, tighten the axle nut using a torque wrench to 150 Nm whilst simultaneously turning the wheel hub and turn back by a maximum of 15° to the next possible locking hole.

The next locking hole is reached by turning back the asymmetrical axle nut by a maximum of 15°. Fit pin with a snap hook. Tighten the hub cap to 800 Nm.

ECOPlus 2 Hub System



Every 3 years in off-road use or every 5 years in on-road use in Europe. Every year in off-road use or every 2 years in on-road use outside Europe.

Clean taper roller bearings (using e.g. Diesel oil) thoroughly. Dry and check for re-useability. Replace grease seal. **Recommendation:** Renew the taper roller bearings after 5 years in on-road use and after 3 years in off-road use.

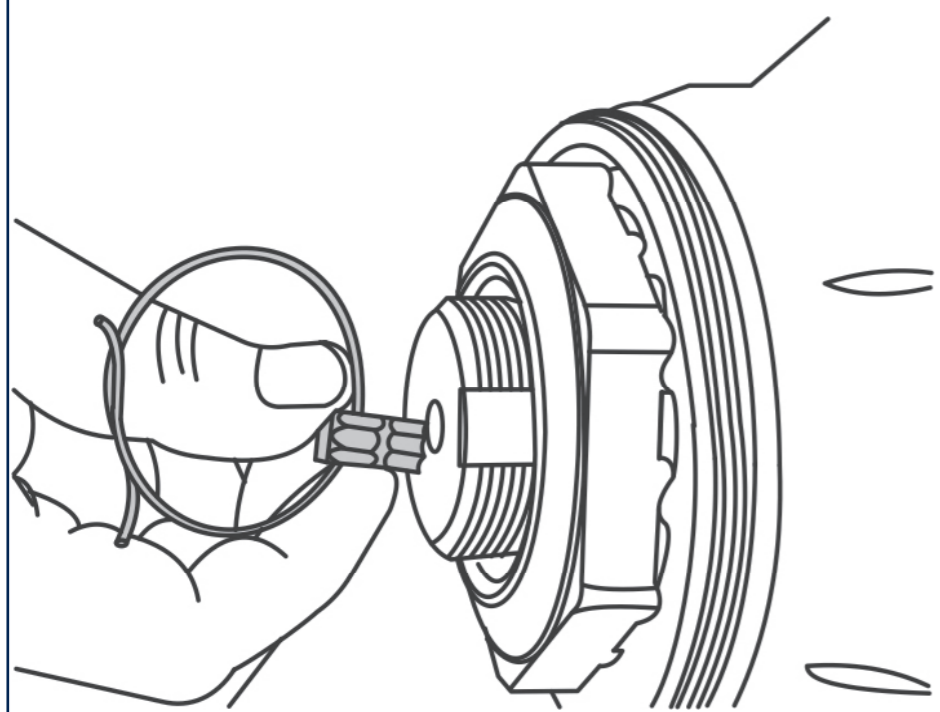
Work BPW special longlife grease (ECO Li-Plus) into the cavities between taper rollers and the cage in both of the taper roller bearings.

Smear grease into the hub's outer bearing race. Smear the lip of the new seal all round with BPW special longlife grease, ECO Li-Plus. Clean the bearing journals on the axle stub (metal must be bright, dry and free from grease). Smear with ECO Li-Plus.

Fit the wheel hub, tighten the axle bolt whilst at the same time turning the wheel hub until the axle bolt torque limiter operates (clicks twice). **DO NOT USE AN IMPACT DRIVER.** Fit the retaining key through the window in the axle bolt and engage with toothed thrustwasher.

Insert the hooked spring ring into the annular groove behind the rear edge of the hexagon axle bolt flats. Replace hub sealing ring and cap (bayonet fitting).

ECOPlus & ECOPlus 3 Hub Systems



Every 3 years in off-road use or every 5 years in on-road use in Europe. Every year in off-road use or every 2 years in on-road use outside Europe.

Clean taper roller bearings (using e.g. Diesel oil) thoroughly. Dry and check for re-useability. Replace grease seal. **Recommendation:** Renew the taper roller bearings after 5 years in on-road use and after 3 years in off-road use.

Work BPW special longlife grease (ECO Li-Plus) into the cavities between taper rollers and the cage in both of the taper roller bearings.

Smear grease into the hub's outer bearing race. Smear the lip of the new seal all round with BPW special longlife grease - ECO Li-Plus.

Fit the wheel hub, tighten the axle nut whilst at the same time turning the wheel hub until the axle nut torque limiter operates (clicks twice). **DO NOT USE AN IMPACT DRIVER.** Fit the retaining key in the groove between the axle stub and the nut. **DO NOT RESET THE AXLE NUT.**

IMPORTANT: HUB CAP TIGHTENING TORQUES

ECOPLUS: 800 Nm

ECOPLUS 3: (Fit new O-ring) 350 Nm

SHOULD YOU BE EXPERIENCING DIFFICULTY REMOVING THE HUB, CALL OUR TECHNICAL SERVICES DEPARTMENT FOR ADVICE - 0116 281 6199

FOR MORE DETAILED INFORMATION PLEASE REFER TO THE BPW MAINTENANCE INSTRUCTION BOOK WHICH IS AVAILABLE FOR DOWNLOAD: <http://www.bpw.co.uk/technical.htm>

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