Note:

Always use proper bearing removal and installation tools.
Do not apply force directly to bearing seals or hub shell surfaces.
Improper service may cause hub damage or bearing misalignment.

RC37DB & RC39DB FRONT HUB SERVICE

1. Remove the brake rotor.
2. Pull off the end caps and rubber seals by hand.
3. Using a bearing removal tool to drive the bearings out.
4. Remove the axle spacer. It will drop out once one bearing is removed.
5. Remove the other bearing.
6. Clean the hub shell and axle spacer thoroughly.
7. Apply a thin layer of grease to the bearing seats and outer surface of the new bearing, then install it using a bearing press tool.
8. Insert the axle spacer, then install the new bearing from the opposite side.
9. Apply a thin layer of grease to the end caps, then reinstall them onto the hub body.

RC37DB Bearing: 17287 x 2pcs
RC39DB Bearing: 17287 x 2pcs
Tool required: bearing removal tool / bearing press tool

RC37DB & RC39DB M12x142 TA REAR HUB SERVICE

1. Remove the brake rotor & cassette
2. Pull off the end caps and rubber seals by hand.
3. Pull the freehub body off by hand and remove the spacer.
4. Using a soft mallet, lightly tap the axle end from the opposite side to remove the first bearing from the hub body, and then remove the bearing from the axle
5. Insert the axle through the remaining bearing inside the hub shell, then lightly tap the axle end again to remove the second bearing from hub body, and then remove the bearing from the axle
6. Clean the hub shell, axle spacer, axle, and freehub thoroughly.
7. Apply a thin layer of grease to the new drive side bearing, then install it using a bearing press tool with the appropriate drift.
8. Apply a thin layer of grease to the axle, then install it into the drive side bearing.
9. Apply a thin layer of grease to the new non-drive side bearing, then install it using a bearing press tool with the appropriate drift.
10. Apply a thin layer of grease to the freehub body and an appropriate amount of grease to the hub ratchet mechanism. Reinstall the spacer onto the axle before reinstalling the freehub body.
11. When reinstalling the freehub, use a reversed zip tie approximately 35cm or longer to compress the pawls. Once the pawls are partially engaged into the ratchet mechanism, carefully remove the zip tie.
12. Apply a thin layer of grease to the end caps, then reinstall them onto the hub body.

RC37DB Bearing: 6902 x 2pcs
RC39DB Bearing: 6902 x 2pcs

Tools required: soft mallet / bearing press tool / 3.5mm width zip tie (35cm or longer)

RC37DB & RC39DB FREEHUB SERVICE

1. Remove the spacer, springs, and pawls carefully.
2. Clean the freehub body, pawls, springs, and ratchet mechanism thoroughly.
3. Inspect the pawls and springs for wear, cracks, deformation, or corrosion. Replace damaged parts if necessary.
4. Inspect the ratchet teeth inside the hub shell for excessive wear or damage.
5. Remove the freehub body bearings using an appropriate bearing removal tool or drift punch.
6. Clean the bearing seats thoroughly.
7. Apply a thin layer of grease to the bearing seats.
8. Install new bearings using a bearing press tool.
9. Apply a light layer of grease to the pawls and springs.
10. Reinstall the springs and pawls into the freehub body. Ensure all pawls move freely and return properly under spring tension.

RC37DB Bearing: 6902 x 1pcs, 6802 x 1pcs
RC39DB Bearing: 6902 x 1pcs, 6802 x 1pcs

Tools required: bearing removal tool/ bearing press tool