Mechanical Test Program - Test

Test step	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 1.0	**Mechanical disengaged frictional torque**	Torque wrench (15 – 65 Nm)	Turn torque wrench through 90° (see 42, Figure 1, step 2).	See ⇒ 2.0	⇒ 2.0
⇒ 2.0	**Mechanical engaged frictional torque**	N30/2 8 10 Torque wrench (80 – 260 Nm)	Disconnect ASD control module(N30/2). (see 42, Figure 1, step 3). Return wheel to its starting position in ⇒ 1.0 (see 42, Figure 1, step 2). Engine: **at idle** Pressure within hydraulic system: 50 – 63 bar. (see 33 ⇒ 1.0) Turn torque wrench through 90° (see 42 figure 1, step 4). Observe and record the value.	Measured frictional torque in ⇒ 2.0 **minus** measured frictional torque in ⇒ 1.0 should be > 100 Nm.	If frictional torque difference is < 100 Nm, replace rear axle center piece.