Wheel installation angles- Alignment (00154)

Equipment and tools:

	Wheel aligner

Refer to the instructions – COMBI - Putting the vehicle on hoist (00410)

⚠ **ATTENTION: Securely fix the vehicle on the wheel aligner platform to prevent its inadvertent movement during work.**

⚠ **ATTENTION: Before the procedure, carefully study the wheel aligner operation manual.**

⚠ **ATTENTION: In case of malfunctions of the steering, suspension, wheels and tires, it is prohibited to perform the procedure.**

⚠ **CAUTION: Before the procedure, check tire pressure.**

⚠ **CAUTION: For more information on the wheels alignment, refer to the "Steering - Specifications and Adjustment Data".**

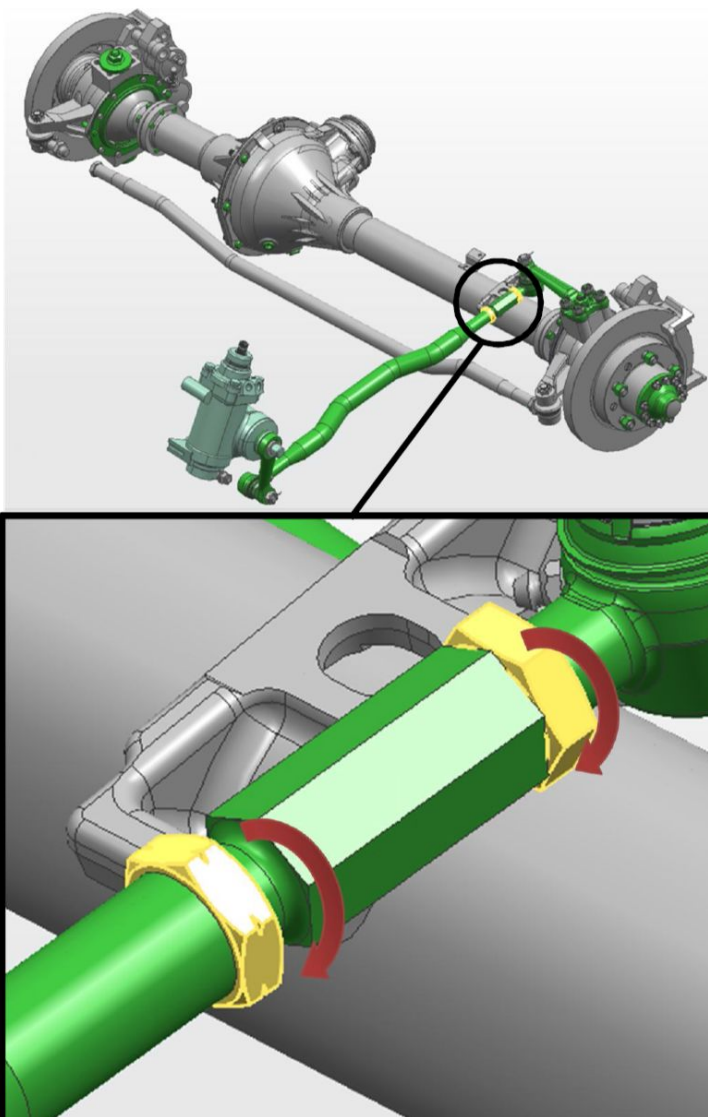⚠ **CAUTION: The design of the steering and suspension allows only toe-in adjustment. Other parameters are for reference only.**

⚠ **CAUTION: Before the procedure, make sure the steering gear and the steering wheel are in middle position.**

Checking:

Image	Operation description
1. Measure caster, camber, and toe angles.	

Alignment:

Image	Operation description

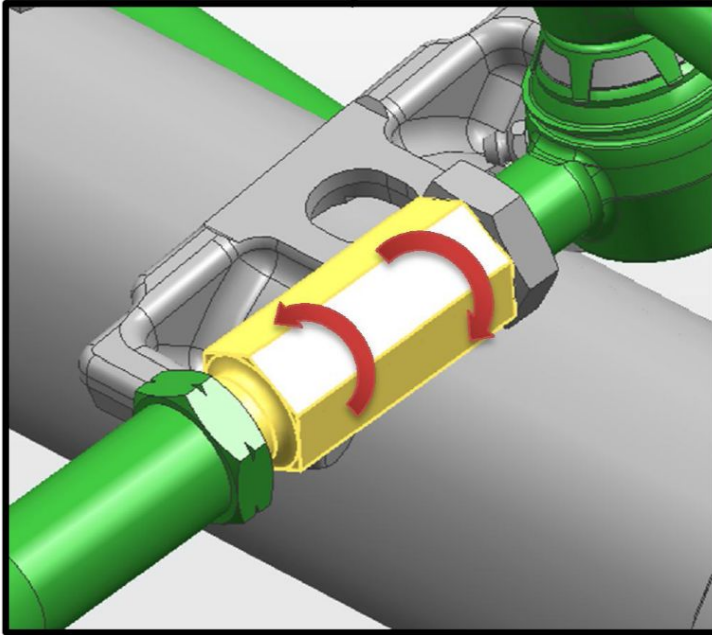|	1. Loosen the track rod lock nut.
Pic. 1	S=24 S=27 **Torque - 120 N·m** The sleeve and the nut have a left hand thread.

Pic. 2

2. Adjust the position of front left wheel by rotating the adjusting sleeve of the track rod.

S=24

The sleeve and the nut have a left hand thread.

3. Tighten the lock-nuts of the track rod.
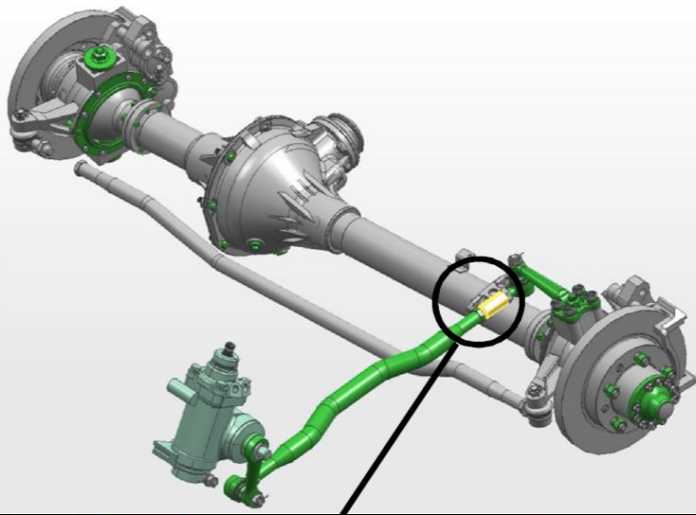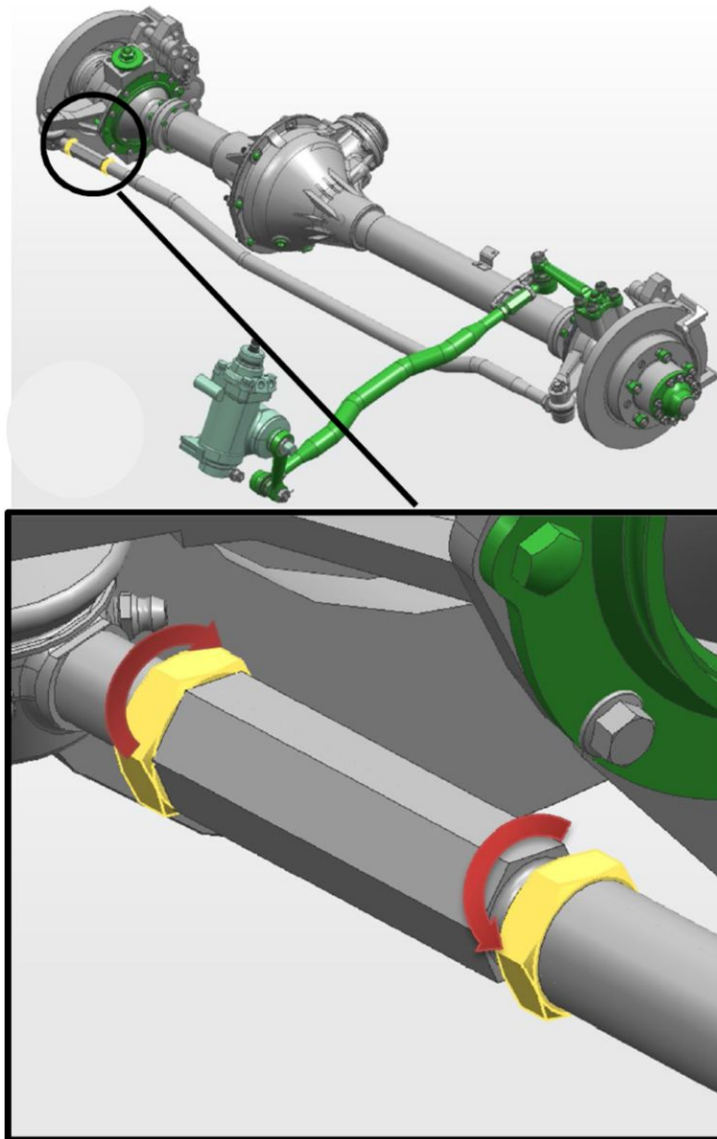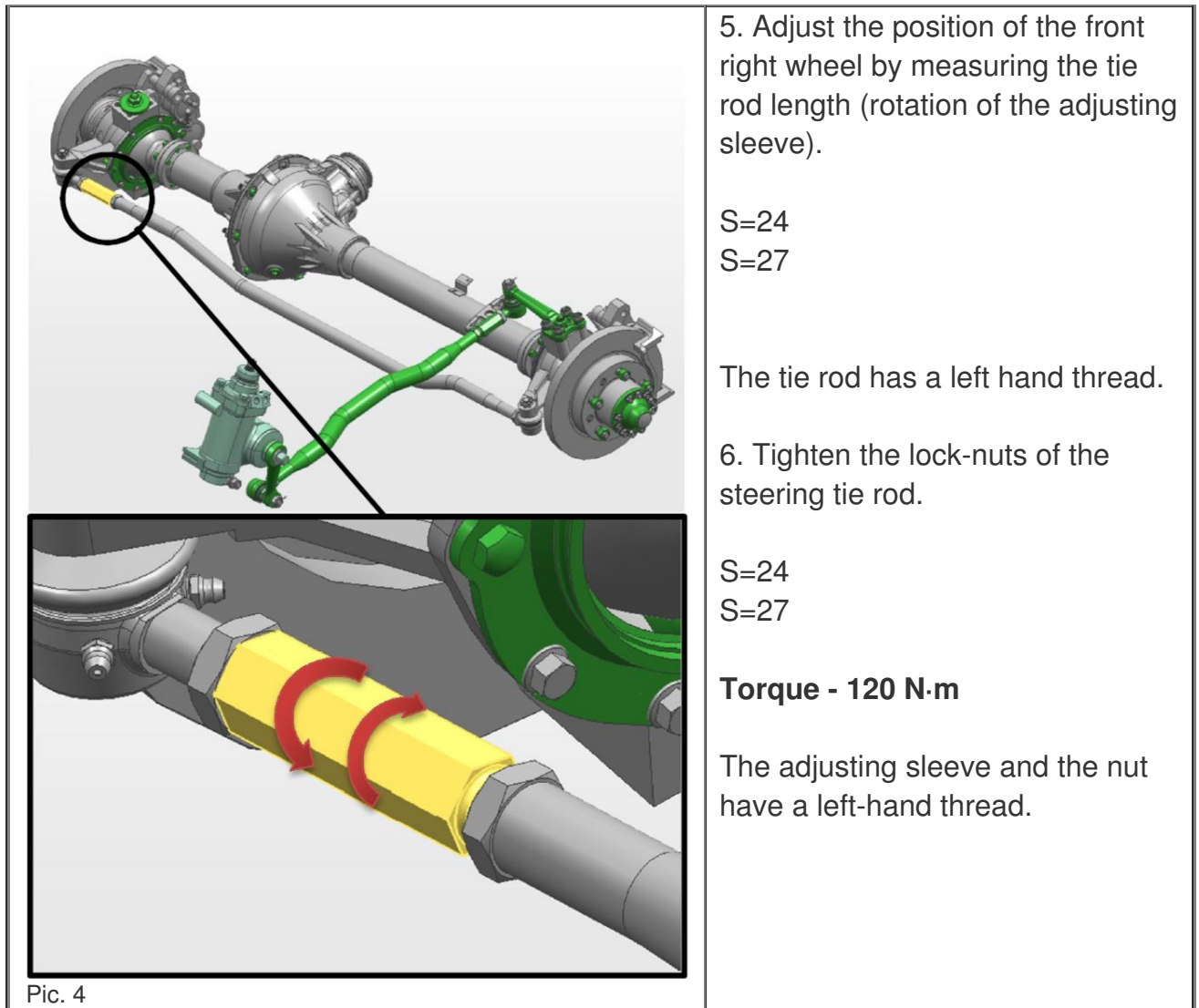
S=24
S=27

Torque - 120 N·m

Pic. 3

4. Loosen the tie rod lock nuts.

S=24
S=27

Torque - 120 N·m

The sleeve and the nut have a left hand thread.

Pic. 4

5. Adjust the position of the front right wheel by measuring the tie rod length (rotation of the adjusting sleeve).

S=24
S=27

The tie rod has a left hand thread.

6. Tighten the lock-nuts of the steering tie rod.

S=24
S=27

Torque - 120 N·m

The adjusting sleeve and the nut have a left-hand thread.

⚠ **CAUTION: Check if the wheel alignment is correct. If necessary repeat the procedure.**

⚠ **CAUTION: After the procedure, print out the wheel alignment report.**