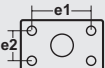


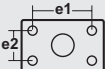


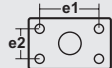
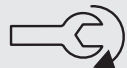
**RINGFEDER® Trailer coupling**  
**RF50 B NZ MSD, RF40 B NZ MSD**

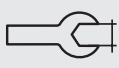


**EN** The couplings in this instruction are certified according to UNECE R55. They are exclusively intended to be used together with drawbar eyes according to standard DIN 74054 or ISO 8755 regarding Ø40mm coupling bolt and DIN 74053 or ISO 1102 regarding Ø50mm coupling bolt respectively. Other areas of use than interconnection of vehicles according to UNECE R55 or ISO 18868 require a consent from the manufacturer. When replacing a used coupling, all the parts included in the new coupling delivery shall be replaced. The installation shall be done by a professional and in accordance with this instruction as well as with the requirements in appendix 7 in UNECE R55.

|  50 mm |  UNECE 55 R | D (kN) | Dc (kN)     | S (kN)         | V (kN)   |  e1 x e2 (mm) |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------|-------------|----------------|----------|--------------------------------------------------------------------------------------------------|
| RF50 B NZ MSD                                                                           | C50-X E11 55 R-01-10486                                                                      | 320    | 135/135/170 | 1000/2000/1000 | 75/63/60 | 160 x 100                                                                                        |

|  40 mm |  UNECE 55 R | D (kN) | Dc (kN) | S (kN) | V (kN) |  e1 x e2 (mm) |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------|---------|--------|--------|--------------------------------------------------------------------------------------------------|
| RF40 B NZ MSD                                                                           | S E11 55 R-01-6292                                                                           | 137    | 92      | 1000   | 40     | 160 x 100                                                                                        |

|  e1 x e2 (mm) |  Ø d2 (mm) |  |  ISO 7089 |  ISO 7042 |  Nm (±5%) |  mm |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 160 x 100                                                                                      | 21                                                                                          | M20 (≥ 8.8)                                                                       | ≥ 200 HV                                                                                   | ≥ 8                                                                                         | 390                                                                                          | 30                                                                                     |

|  50 mm |  |  Nm |  mm |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| RF50 B NZ MSD                                                                           | M 45 x 3                                                                          | 1500-2000                                                                            | 70                                                                                   |
|  40 mm |  |  Nm |  mm |
| RF40 B NZ MSD                                                                           | M 45 x 3                                                                          | 500-600                                                                              | 70                                                                                   |



Installation



Function check



Pinch point!



Open/unlocked



Closed/locked



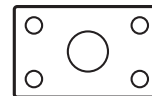
Visual check



Wrench size



Tightening torque



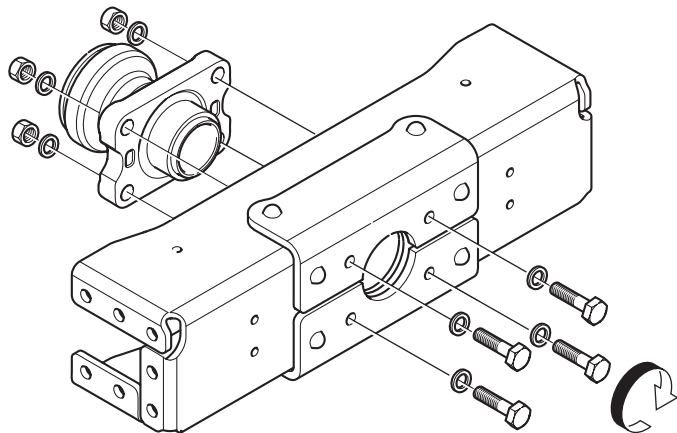
Hole pattern



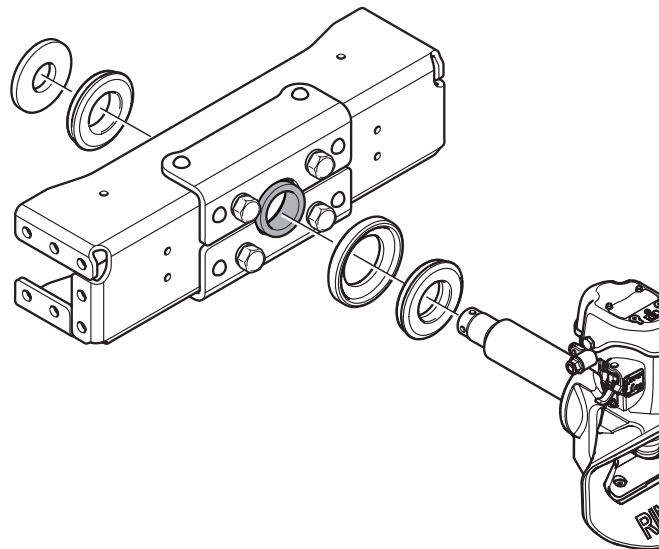
## RF50 B NZ MSD, RF40 B NZ MSD

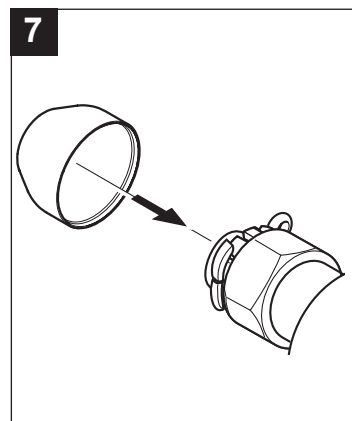
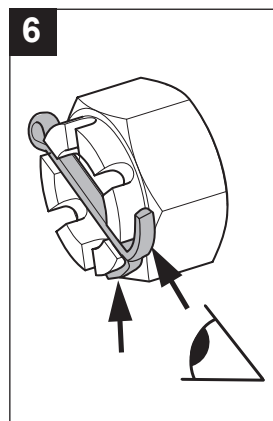
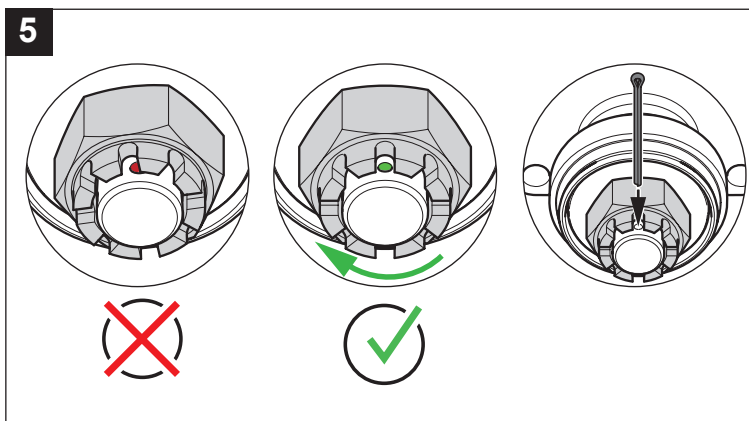
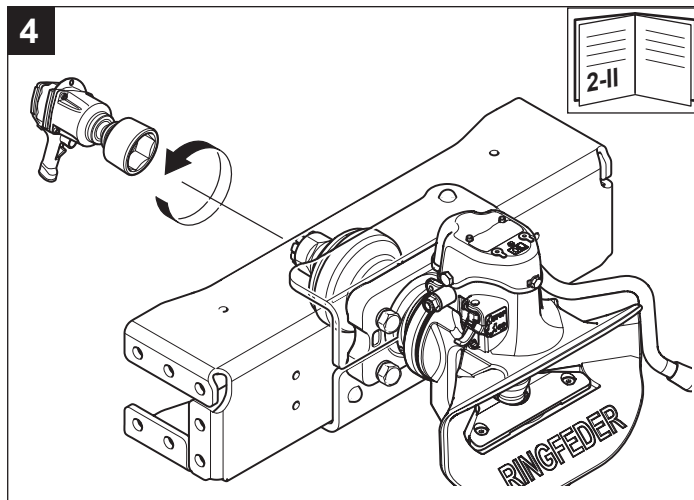
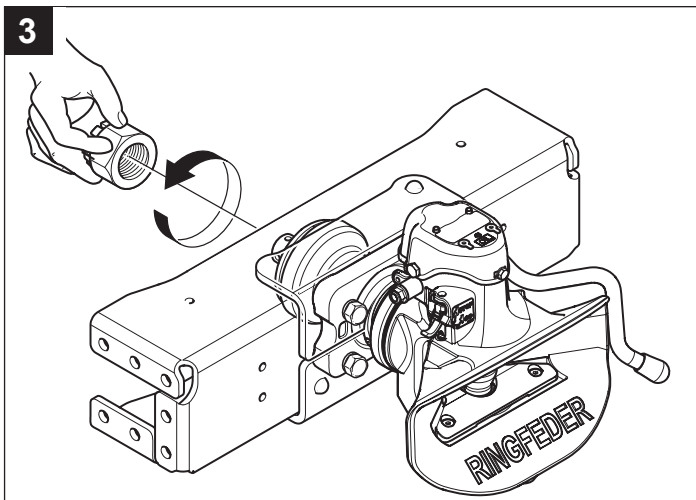
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2-1



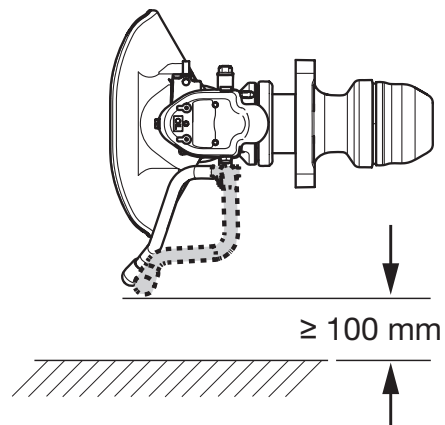
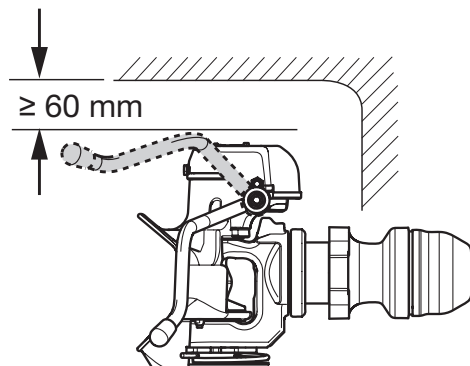
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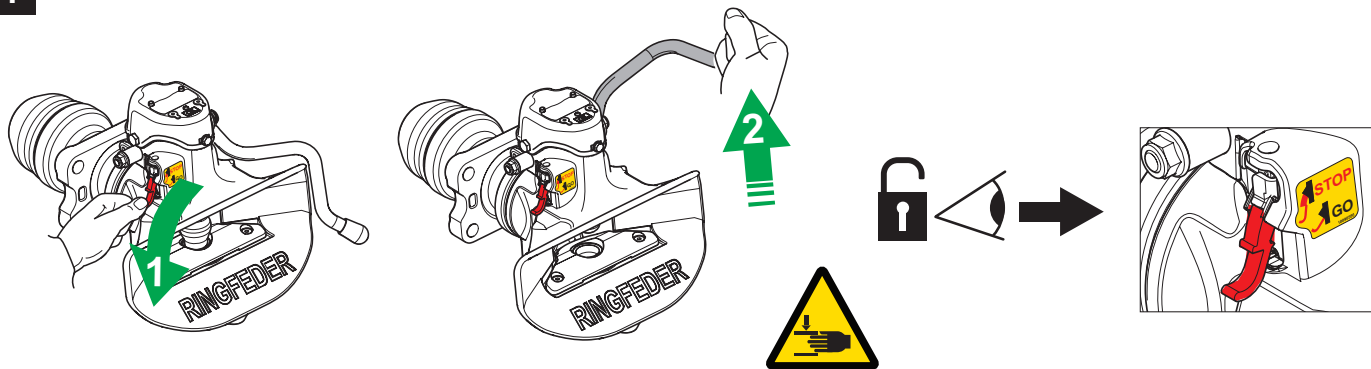


7

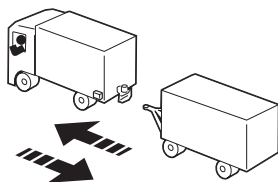




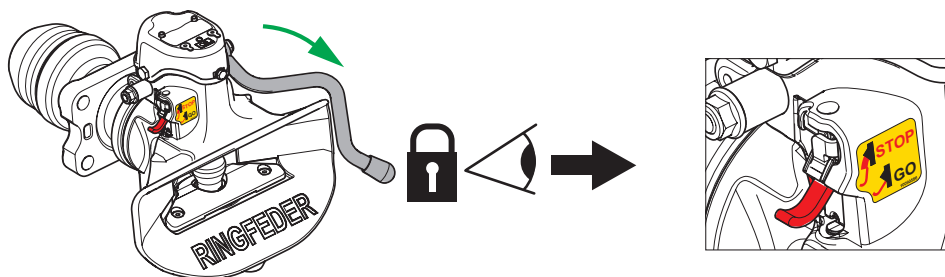
1



2



3





Produced in a certified company

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