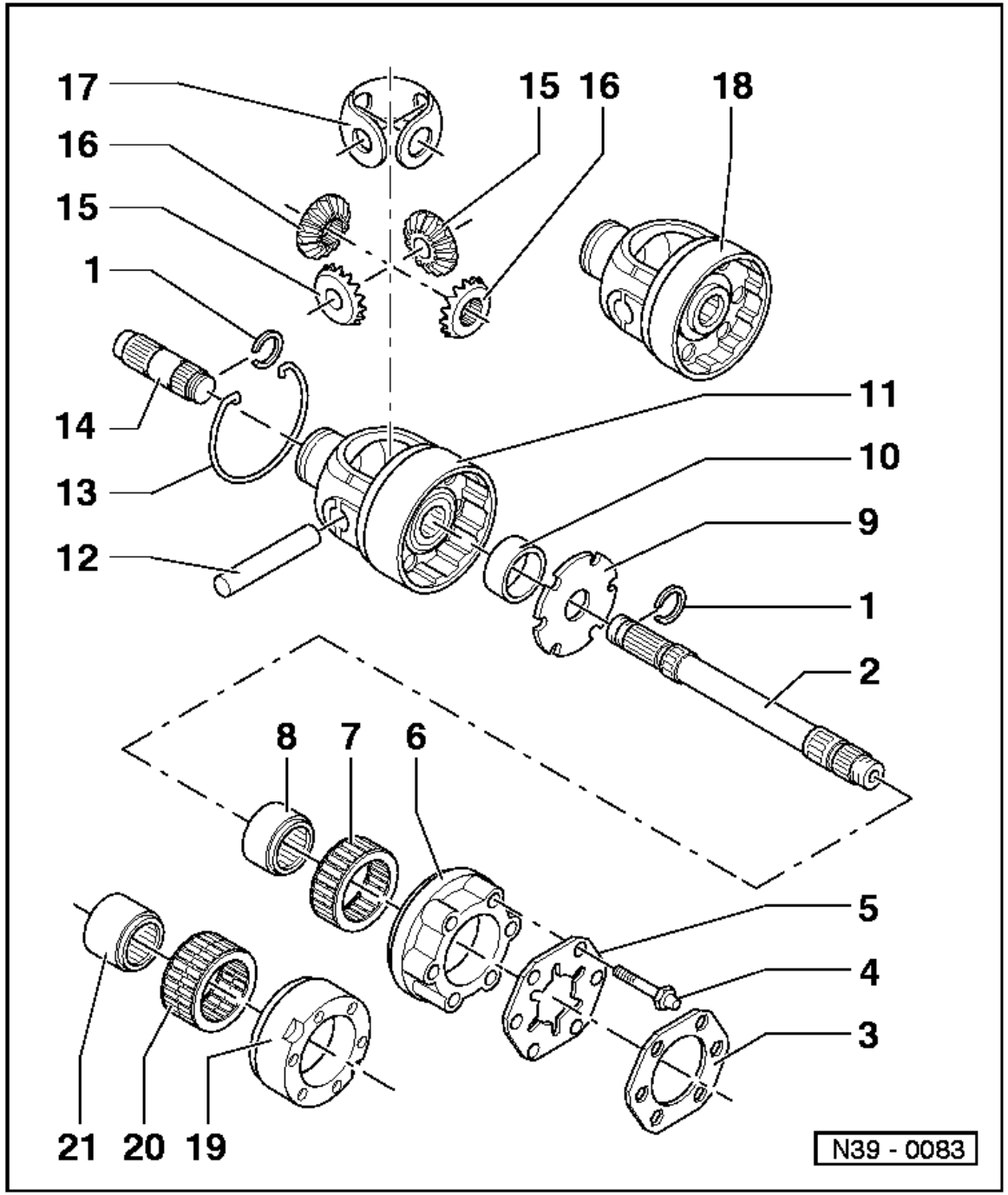
Dismantling and assembling differential and freewheel (assembly overview)



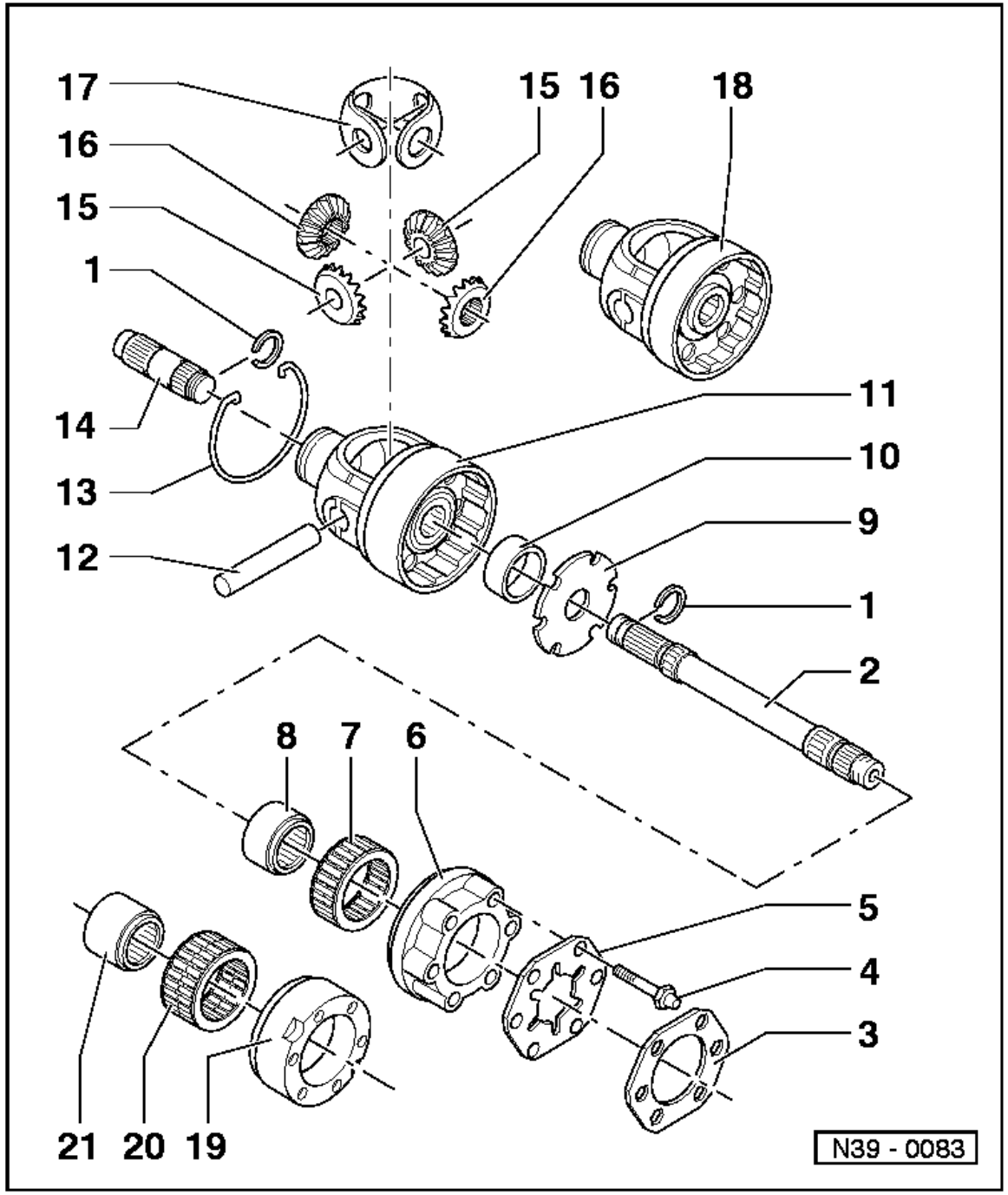
Dismantling and assembling differential (sequence) => Page 39-151

Removing and installing freewheel (sequence) => Page 39-154

Dismantling and assembling freewheel (sequence) => Page 39-156

Freewheel functional check (on vehicle) => Page 39-102

1 - Circlip
- Determining circlip thickness => Page 39-152
- Always renew



2 - Long output shaft

3 - Locking plate
- ◆ Always renew

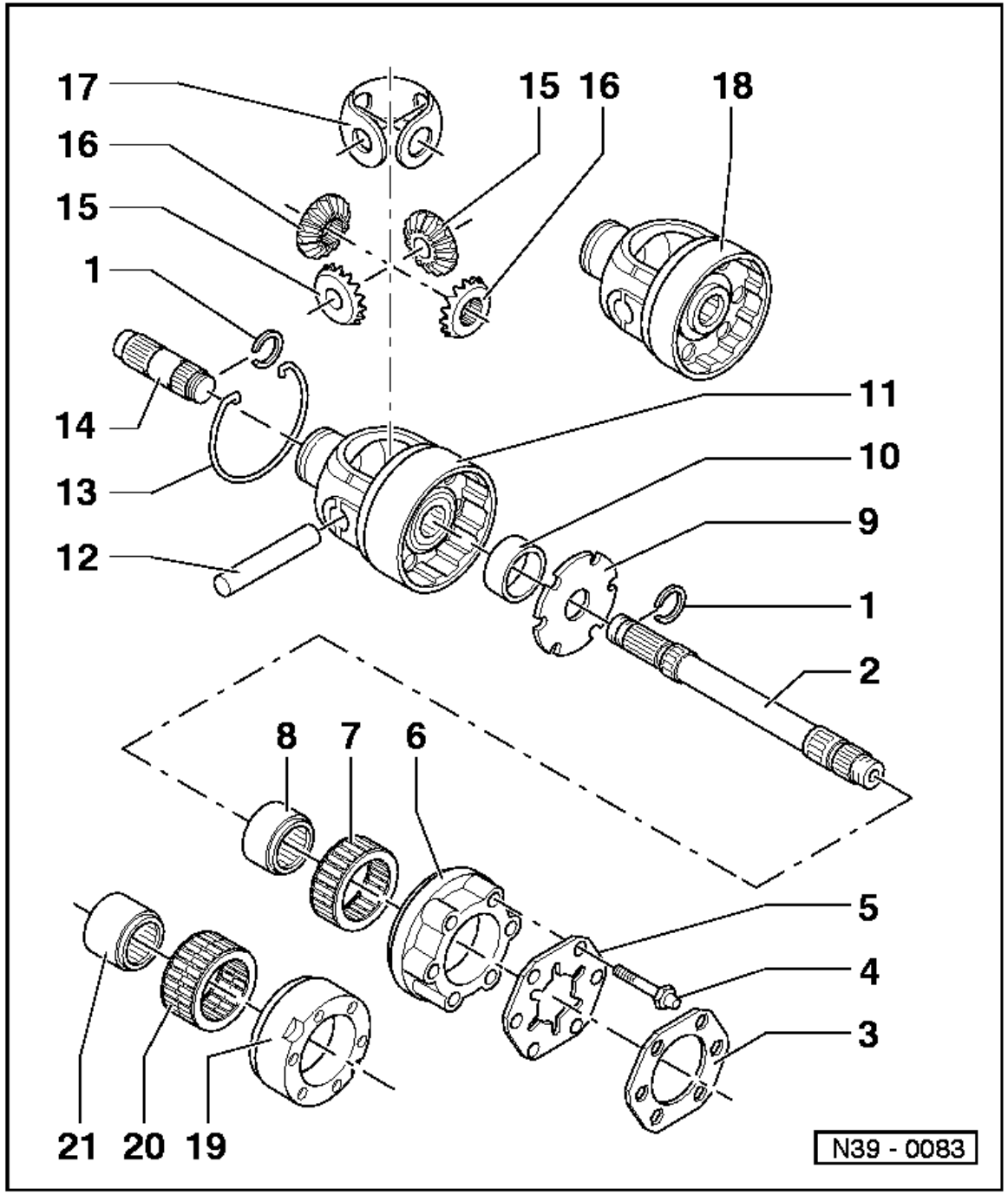
4 - Bolts with conical head, 25 Nm
- ◆ Secure with locking plate

5 - Retaining plate

6 - Freewheel outer ring
- ◆ For vehicles with 4-Cyl. engine

7 - Clamping mechanism cage
- ◆ For vehicles with 4-Cyl. engine
- ◆ Installation position: inscription towards differential

8 - Freewheel inner ring
- ◆ For vehicles with 4-Cyl. engine



9 - Retaining plate

10 - Spacer sleeve
- ◆ Only installed in vehicles with 4-Cyl. engine

11 - Differential housing
- ◆ For vehicles with 4-Cyl. engine

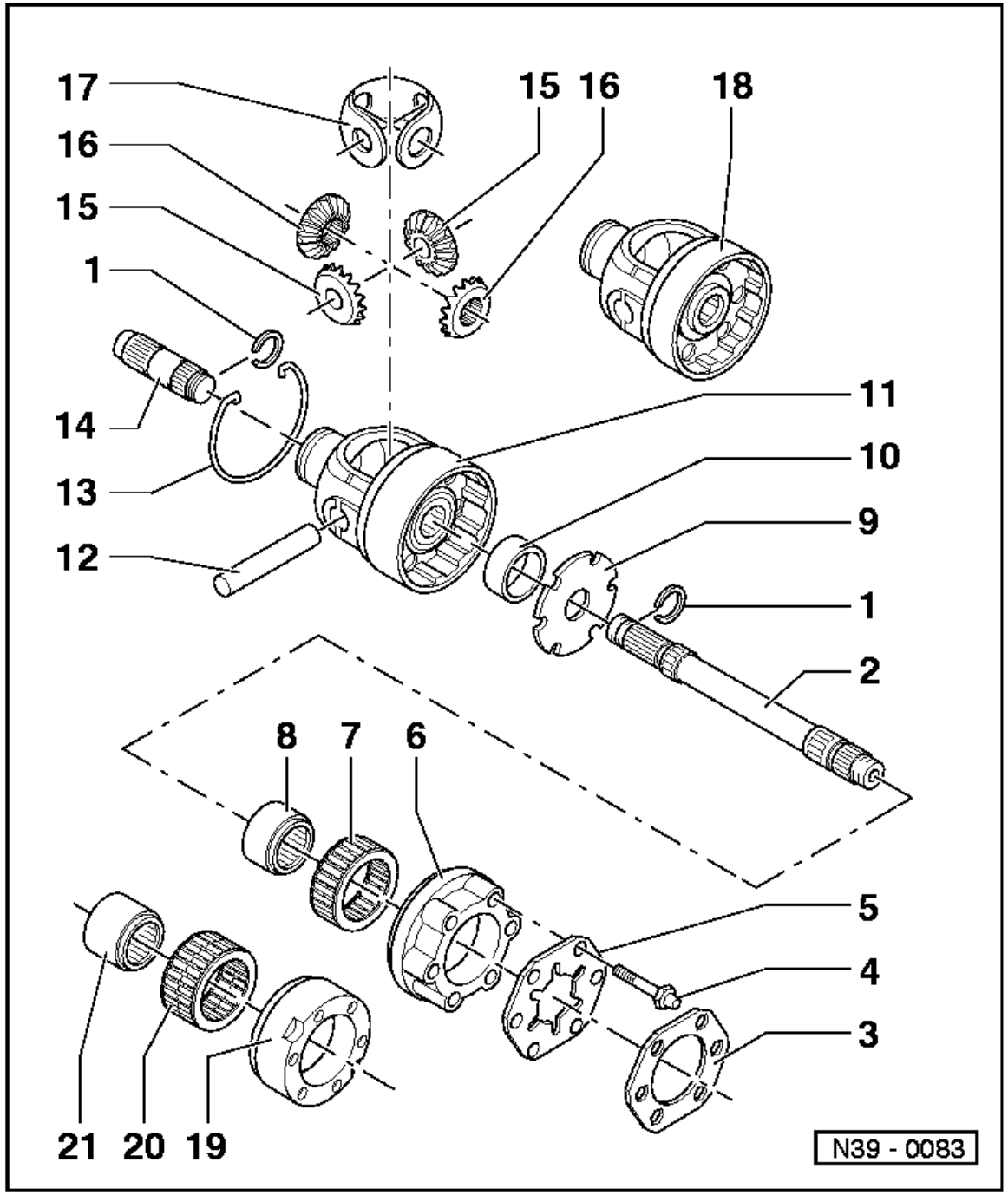
12 - Planet pinion axis shaft
- ◆ Secure with wire clip
  => Page 39-151

13 - Wire clip
- ◆ Installation position => Page 39-151

14 - Short output shaft

15 - Planet pinion
- ◆ Installing => Page 39-152

16 - Sun wheel
- ◆ Installing => Page 39-152



17 - One-piece thrust washer
- ◆ Coat with gearbox oil when installing

18 - Differential housing
- ◆ For vehicles with 6-Cyl. injection engine

19 - Freewheel outer ring
- ◆ For vehicles with 6-Cyl. injection engine

20 - Clamping mechanism cage
- ◆ For vehicles with 6-Cyl. injection engine
- ◆ Double row
- ◆ Installation position: inscription towards differential

21 - Freewheel inner ring
- ◆ For vehicles with 6-Cyl. injection engine