



TX1018875

TX1018875-UN: Center Joint Components

LEGEND:

- 1 - Plug
- 2 - Spindle
- 3 - Dust Seal
- 4 - O-Ring
- 5 - Bushing

- 6 - Oil Seal (6 used)
- 7 - Housing
- 8 - Ring
- 9 - Snap Ring
- 10 - O-Ring
- 11 - Cover
- 12 - Cap Screw (4 used)

1. Remove center joint. [See Center Joint Remove and Install](#) . (Group 4360.)
2. Place center joint on a flat clean work area.
3. Apply alignment marks on spindle (2), housing (7), and cover (11) to aid in assembly.
4. Remove cap screws (12).
5. Remove cover (11), O-ring (10), snap ring (9), and ring (8) from housing (7).

6. IMPORTANT:

Avoid damage to internals of center joint. Do not damage the seal sliding surface of spindle (2).

Remove housing (7) from spindle (2) using ST1033 Plate and ST1020 Puller Screw. Tighten center bolt of puller to remove housing from spindle.

7. Remove oil seals (6) from housing (7).
8. Remove dust seal (3) and O-ring (4) from housing (7).

9.

NOTE:

Sliding surfaces with seals that are heavily damaged by seizure or foreign matter should be replaced.

Inspect housing and spindle for wear and damage.

10. IMPORTANT:

Prevent possible machine damage from weld spatter. Cover the seal surface when welding.

Remove bushing (5) by welding on bushing inner diameter in four places at 90°. Let bushing cool and shrink; remove from housing.

11. Clean housing and new bushing. Apply grease to housing and new bushing.
12. Install bushing into housing using ST2558 Pushing Tool and a press.

Item	Measurement	Specification
Press Force	Force	4895 to 14 680 N 1100 to 3300 lb.

13. IMPORTANT:

Prevent possible machine damage from installing dust seal (3) incorrectly. Install dust seal (3) with lip side toward housing (7).