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Service Tips and Best Practices

# 2011-2002 Subaru Aluminum Front Lower Control Arm Ball Joint Seating Cone

| Brand | TTX/Supreme/Original Grade | Product | Ball Joint and Control Arm | Date | October 2021 |
|---|---|---|---|---|---|
| **Part Number(s)** | TXK9513/MK9513/CMS80166/CMS80167/CMS80182/CMS80183/GK9513/GS80166/GS80177 | | | | |

During a ball joint replacement service on 2011-2002 Subaru Impreza, Outback and Legacy models with an aluminum front lower control arm, the Mevotech replacement ball joint may appear different.

This visual discrepancy can occur if the ball joint seating cone becomes seized to the ball joint stud when removing the aluminum front lower control arm from the original ball joint. **See Figure 1**.

It is important to adhere to factory service manual removal procedures when separating a ball joint from an aluminum control arm that uses a cone. Often, a special tool will be required to retain the cone in the bore as the control arm is being separated from the ball joint.

If the cone must be removed from the ball joint stud for reuse, it must be separated carefully. A combination of penetrating oil and a three-jaw puller will usually suffice. All rust and corrosion must be cleaned from the cone, steering knuckle and control arm bore. Additionally, the cone and mating component must be inspected for damage and/or an 'out-of-round' condition. Do not reuse the cone or mating component if signs of damage or abnormal wear are found.

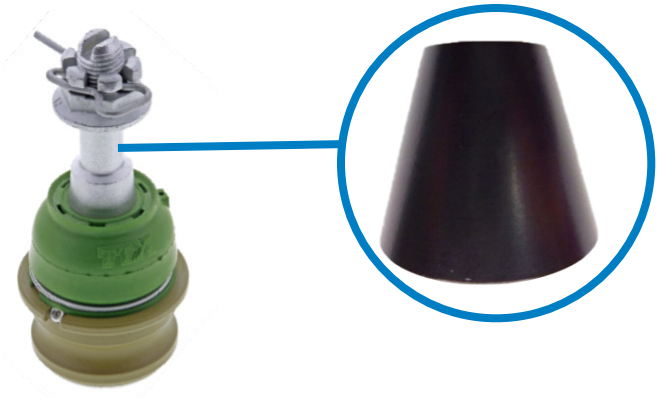


**Figure 1.** Ball seating cone (circled) may become seized to the ball joint stud, causing it to appear different than the Mevotech part. Mevotech replacement ball joints with the part numbers TXK9513/MK9513/GK9513 feature an anti-corrosion coated ball stud to reduce the potential of seizing.

Always refer to the factory service manual for correct diagnostic procedures, component removal and installation methods, as well as fastening torque values and procedures where applicable. Only use a calibrated torque wrench for final fastening.



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