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Service Tips and Best Practices

Seized Steering Knuckle Insert on Ford Fusion, Lincoln MKX and Mercury Milan Front Lower Forward Control Arms

Brand	Supreme/OG		Product	Control Arms	Date	October 2020
Part Number(s)	CMS40181/GS40181					

Issue: Seized Steering Knuckle Insert

When removing the original control arm for replacement, the steering knuckle insert may become seized to the ball joint stud.

This will cause the replacement arm to look different in appearance. See Figure 1.

If the insert is seized to the ball joint stud, it must be carefully removed and re-inserted into the steering knuckle. Do not use a hammer or apply blunt force to aid in removal or installation. This can warp/distort or otherwise damage the insert.

Ensure to remove all rust, burrs and other contaminants from the insert and knuckle bore. Inspect the bore and insert abnormal wear, enlargement, "out of roundness" and or other damage before installation.

Ensure all components are torqued to the correct values as specified in factory service manual. After repair, perform vehicle alignment.



Figure 1 : Seized insert (circled) on original control arm stud

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