

# Front Caster Rod Bushings Kit Installation Instructions SPL CRB F3X BMW

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	11535	Aluminum Bushing Shell	2
2	FKS16	FK Spherical Bearing	2
3	98410A310	Snap Ring	2
4	98409A241	Snap Ring	2
5	90124	Eccentric Spacer	2
6	90125	Eccentric Spacer	2

CRB F30 Assembly

## Tools Needed:

1 7/8in socket  
Hydraulic Press

18mm wrenches  
26mm or 1in wrenches

Remove the caster rod using the 18mm wrenches at the chassis, then remove the ball joint nut. You may need to pry the ball joint free after the removal of the nut. Once the arm is removed, use a 1 7/8" socket as a driver with a press to remove the old bushing. We used a Craftsman socket as seen in the picture on the right.



Be sure to have the arm level so the driver/socket can press out the bushing straight to avoid binding. Once square, press out the old bushing. Clean the bore of the arm, and smooth any nicks or burrs. The same socket can then be used to drive in the new bushing. Again, make sure to align the driver and bushing to go in straight and not bind.

Install the retaining ring on the far side of the bushing, then reinstall the arms on the car. It is easiest if you use both of the 26mm/1in wrenches to adjust caster. Tighten the bushing nut at the chassis to **81 ft.-lbs**. Tighten the ball joint nut to **110 ft.-lbs**.

Have the car aligned professionally, as the new bushings will alter the alignment noticeably after installation compared to the stock alignment.

Be safe and enjoy your new upgrade!

This picture is an alternate view of pressing the bushing out.



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