

PARTS SHOP MAX

XE10 IS300 Zero Toe Change Weld On Plates

Description & install tips

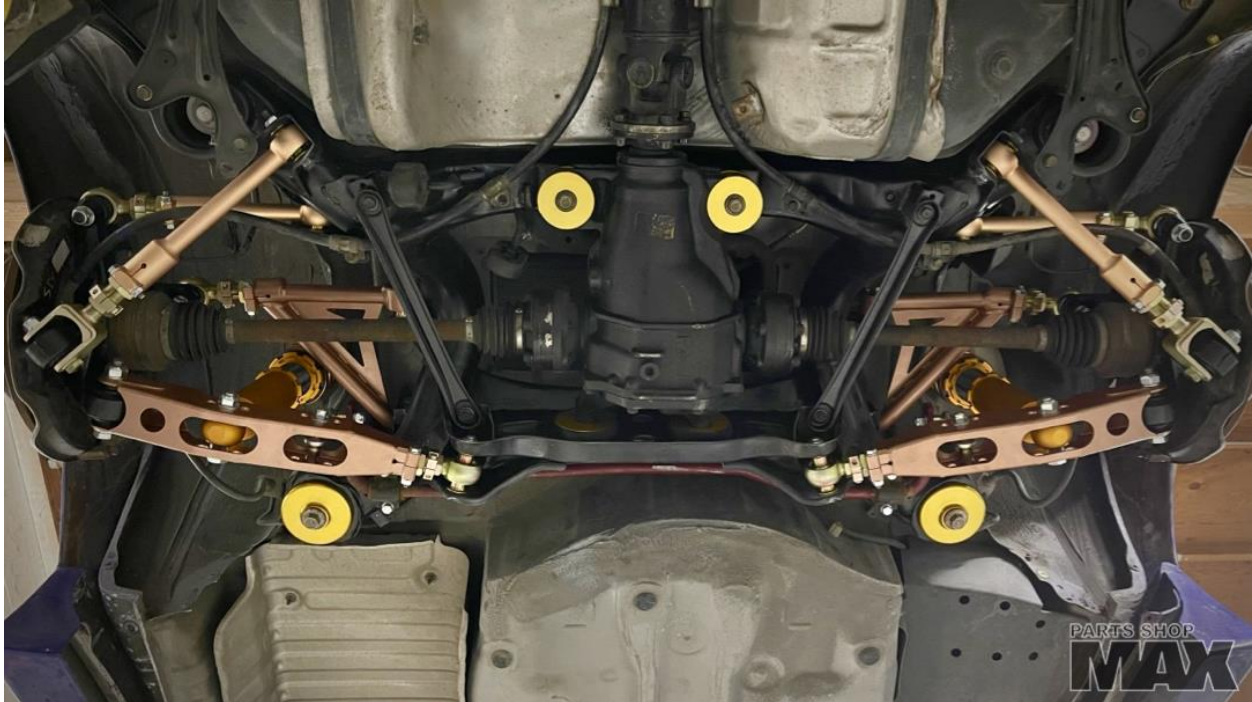
For use with our very adjustable toe rod. This weld on plate set allows you to access a new pick up point that drastically cuts down on toe change during suspension compression and droop, especially when combined with the subframe risers. Comes with hardware. Does not come with the toe rod or risers that compliment this part. Check out the chart to see how much you can optimize towards zero toe change with different combinations. If you have some other brand of adjustable toe rod, you will need be able to safely adjust it to at least 260mm or 10&1/4" on joint centers. ** Although the plates locate on their outside profile and inside the stock toe slot, Install requires ecentric bolt tab grinding, center punching using this plate's second hole as a guide then drilling of the new hole, welding of this plate set on the subframe and then paint to prevent rust. Subframe must be remove from vehicle for this installation. It's all worth it to fix the one big problem with this chassis, toe change on suspension travel. That frees you up to use a softer rear spring that provides more traction and travel without the uncontrolled alignment changes that plagued this car in the past. Check the instagram video that explains this with CAD screenshots at the hashtag #SXE10TOEWOP



Install Example, compared to the bolt on eccentric lockout.



Install Example



Alignment change through suspension travel when combining parts sold separately.

Lexus SXE10 is300 rear suspension			maximum alignment change	
Long toe rod with weld on plate OEM SF height			.12"	3.05mm
Ride Height	0	Toe		
Full Bump	0.06" per side	Toe in		
Full Droop	0.02" per side	Toe In		
Long toe rod with weld on plate & SF risers			.036"	0.91mm
Ride Height	0	Toe		
Full Bump	0.011" per side	Toe in		
Full Droop	0.018" per side	Toe In		
Short toe rod with bolt on lockout OEM SF height			.48"	12.19mm
Ride Height	0	Toe		
Full Bump	0.23" per side	Toe in		
Full Droop	0.01" per side	Toe out		
Short toe rod with bolt on lockout & SF risers			.31"	7.87mm
Ride Height	0	Toe		
Full Bump	0.155" per side	Toe in		
Full Droop	0.004" per side	Toe in		
Stock car lowered			1.2"	30.48mm
Ride Height	0	Toe		
Full Bump	0.582" per side	Toe in		
Full Droop	0.024" per side	Toe out		

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