














# EMF STIFFY PIN INSTRUCTIONS

TO BE USED IN THE UPPER BALL JOINT WHEN THERE IS A STIFF KNUCKLE AFTER INSTALLING EMF BALL JOINTS (MOST COMMON IN 2006-2007 YEARS BUT CAN BE SEEN IN OTHER YEARS AS WELL)

	<p>1. Remove the set screw from the side of the body completely. Do not lose this part, you will need it later.</p>		<p>2. Remove the cap counter clockwise using a spanner wrench.</p>
	<p>3. Inside the upper ball joint you will notice a pin, race and spiraloc holding the race inside.</p>		<p>4. Pull the pin out and leave it aside with the race you are going to take out. You can use this as a rebuild kit for the other ball joint later on if you wish.</p>
	<p>5. Locate the end of the spiraloc with a pick. Get the pick underneath it (can be a pain).</p>		<p>6. Using the pick, remove the spiraloc.</p>
	<p>7. Remove the race. Do not use the existing race with the stiffy pin or it won't work. The Stiffy Pin comes with a special race designed to work together.</p>		<p>8. Replace the race with the stiffy pin race. (it has a groove on the top so you can tell the difference)</p>

	<p>9. Now to put the Spiraloc back in.. using the pick, start with the end first to set it into the groove.</p>		<p>10. Run the pick along the spiraloc along the spiraloc to set it completely into the groove.</p>
	<p>11. It should sit inside nicely. It could take a couple times to get it right... it's a skill that is developed over time that's for sure.</p>		<p>12. Put the new Stiffy pin inside the race. (It has a star engraved into the bottom so you can tell the difference.)</p>
	<p>13. Replace the cap and tighten with a spanner wrench until it is down all the way. Don't overtighten or you will have a heck of a time getting it off later.</p>		<p>14. Replace the set screw. Grease it and then you're done! Your knuckle should move side to side more freely now.</p>

