Inner Tie Rod Replacement

2004 Jaguar X – Type 3.0 115,000 miles

Inner tie rod write	eup
1 Jack car and remove front wheel	
2	Mark location of inner tie rod retaining nut
3	Loosen inner tie rod retaining nut (24mm)
4	Loosen tie rod end retaining nut (17mm)
5	Detatch tie rod end from wheel knukle (fork/hammer)
6	Unscrew Tie rod end, while counting full rotations (24mm)
7	Unscrew and discard inner tie rod retaining nut
	Remove and discard inner and outer boot retaining clips (pliers, long flathead)
9	Remove tie rod boot
10	Install special socket (1-5/16") and tool
11	Unscrew and discard inner tie rod
12	Check length of new and old rods, then mark location of rod nut
13	Inspect. Clean the surface that will be covered by boot
14	Install new inner tie rod, tighten to 40 Nm
15	Install new boot fitted with zip tie, or metal clamp
16	Twist boot into place and tighten zip ties/clamps
17	Install inner tie rod nut to marked position
18	Install tie rod ends to previously determined position
19	Tighten tie rod end nut to 35 Nm
20	Tighten inner tie rod retaining nut to 40 Nm
21	Install wheel, tighten to 103 Nm
22	Check/adjust toe alignment, ensure the boot is also adjusted as needed prior to

















