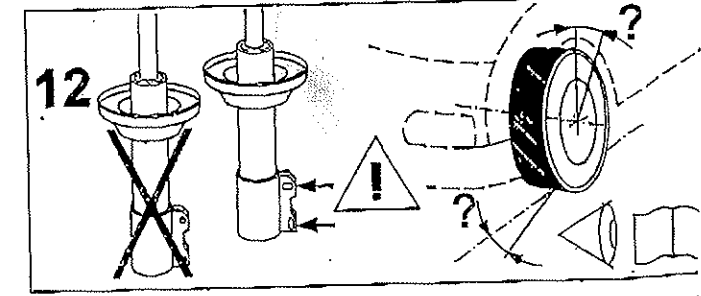
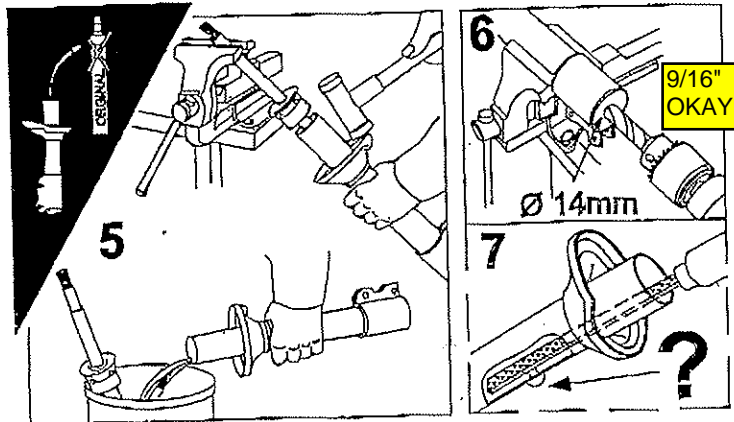
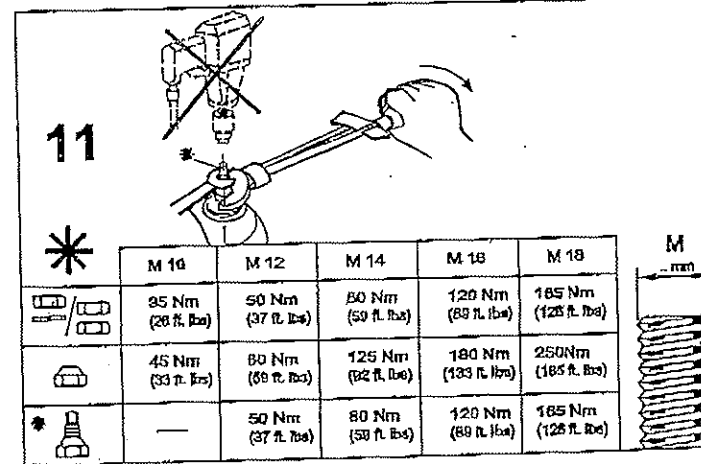
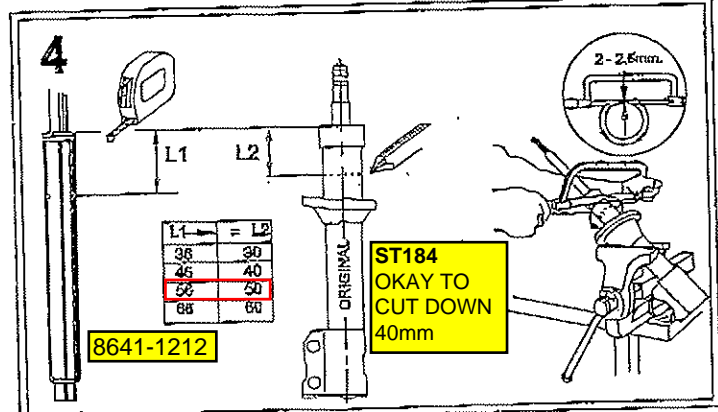
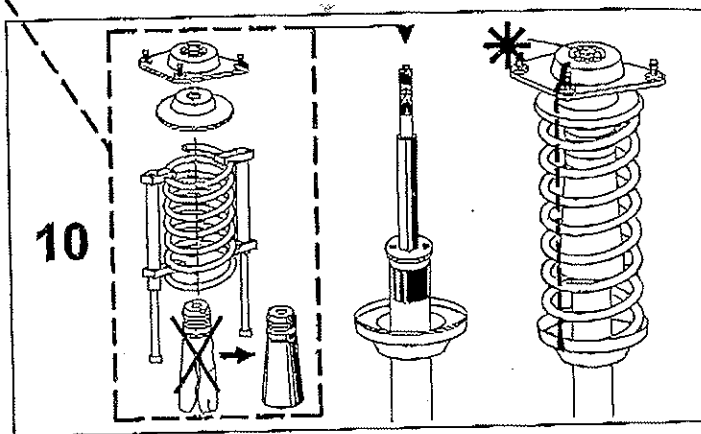
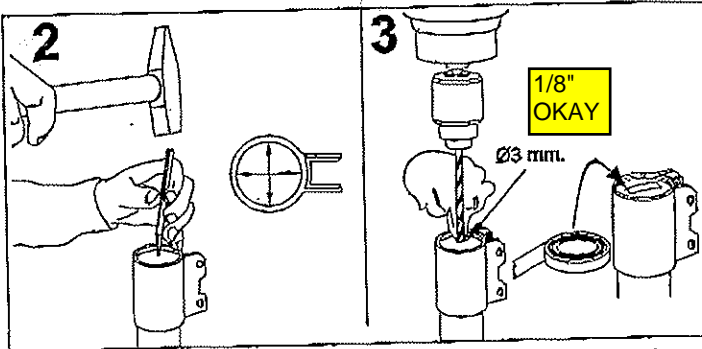
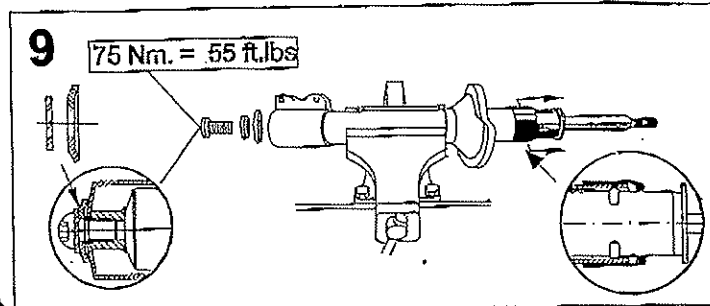
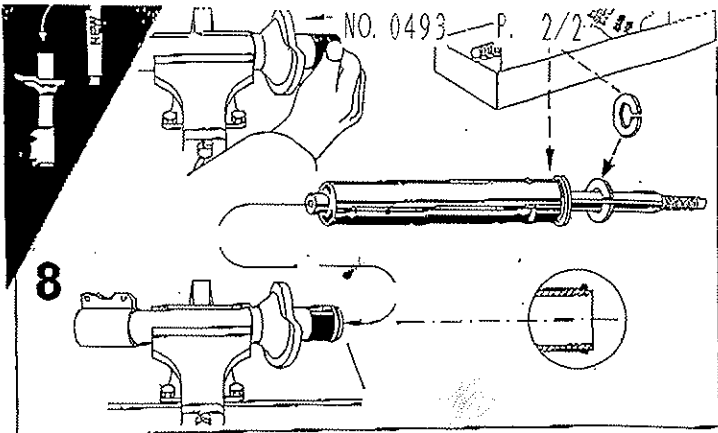
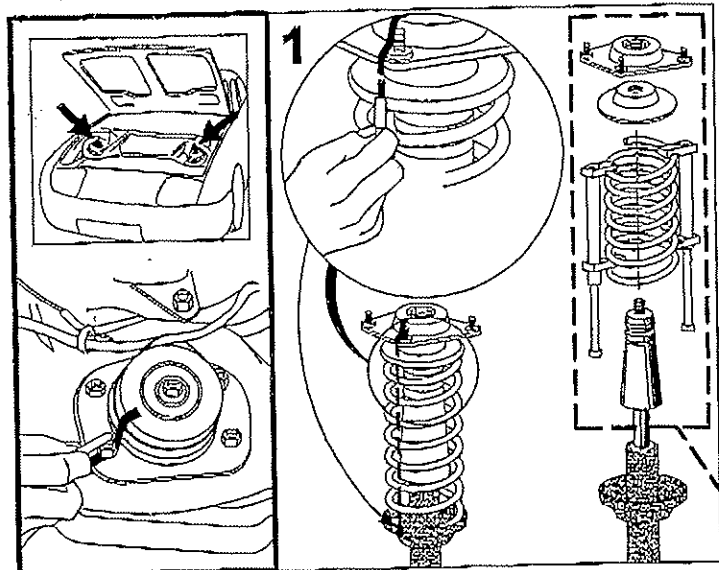


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## ST184 Visual Supplement by Adrian Avgerinos

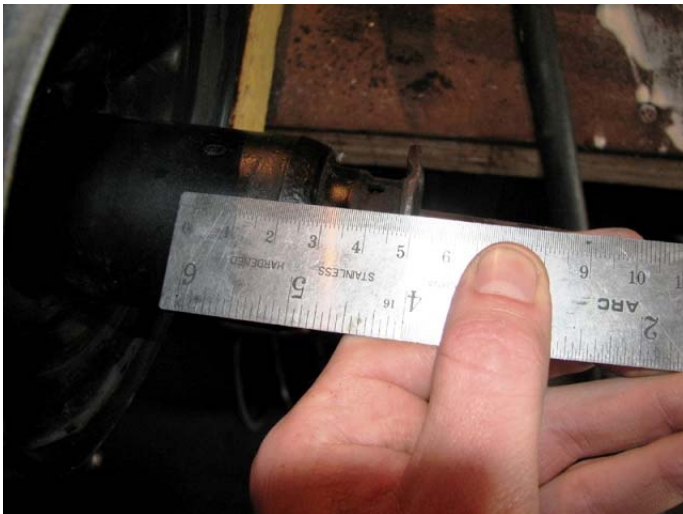


**Figure 1** CAUTION: If struts are in good shape, gas/oil may vent. I suggest making a spray shield out of spray can lid.



**Figure 2** Make a small divot in the middle of the strut base with an awl or nail. Carefully drill through the base with a 3mm (or 1/8") drill bit.

Clean the base with rubbing alcohol, Windex, brake cleaner, etcetera, and affix a piece of tape to the base to prevent the oil from leaking out.

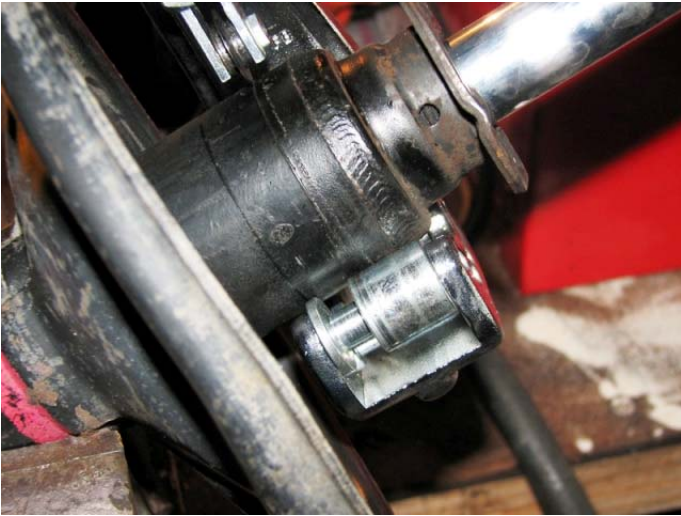


**Figure 3** For the 8641-1212 Sport, make a mark on the strut housing 50mm down from the securing flange.

NOTE: If using a pipe cutter, the stock spring seat may prevent you from making a cut at this location. I found cutting at 40mm cleared the seat and still allows the insert to fit correctly.



**Figure 4** Secure the strut in a vice at approximately the angle shown to prevent oil from pouring out while you complete your cut.



**Figure 5** Using your favorite cutting implement (I prefer a high quality pipe cutter for a clean flat cut), section the tube on the mark made earlier.



**Figure 6** Complete the cut. Remove the inner tube, piston, and piston rod assembly. Drain the strut tube. The shock oil can be recycled with your motor oil. Using a file, clean up the inside of the cut to make sure it's at least flush to the ID of the tube. You may also slightly bevel the edge to facilitate installation later.



**Figure 7** Turn the strut tube over and enlarge the hole in the base with a 14mm (or 9/16") drill bit as shown.

Remove any burrs from the new hole. You're done!



**Figure 8** For extra style points at your next road race, scuff the paint with a Brillo pad or sand paper, clean thoroughly using a quality degreaser, and paint. I chose Rustoleum Appliance Epoxy paint for its scratch resistance qualities.

External links to the same procedure for other cars:

[http://www.tech-session.com/kb/index.php?page=index\\_v2&id=69&c=4](http://www.tech-session.com/kb/index.php?page=index_v2&id=69&c=4)

<http://www.mx6.com/forums/showthread.php?p=1295605#post1295605>

<http://www.roadraceengineering.com/3g/howto/3gkoniinfo.htm>