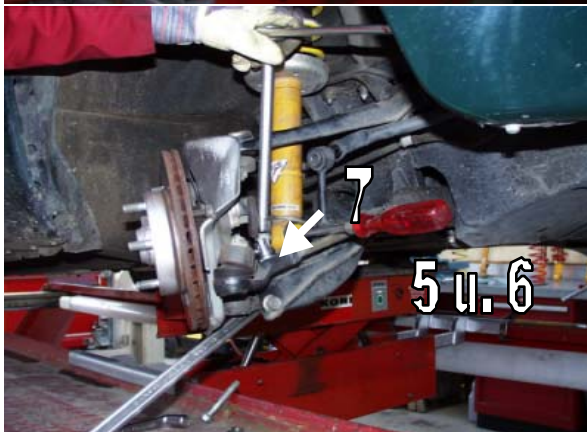
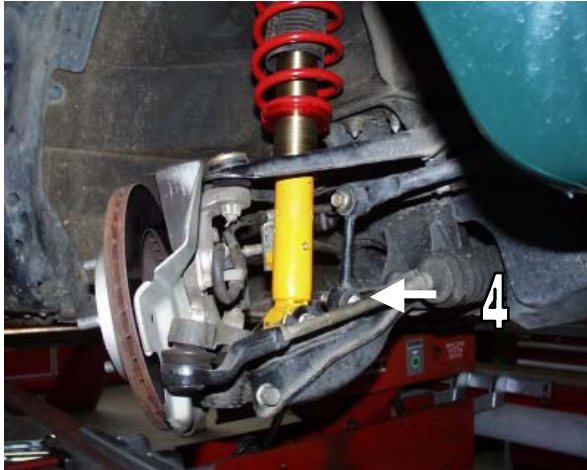
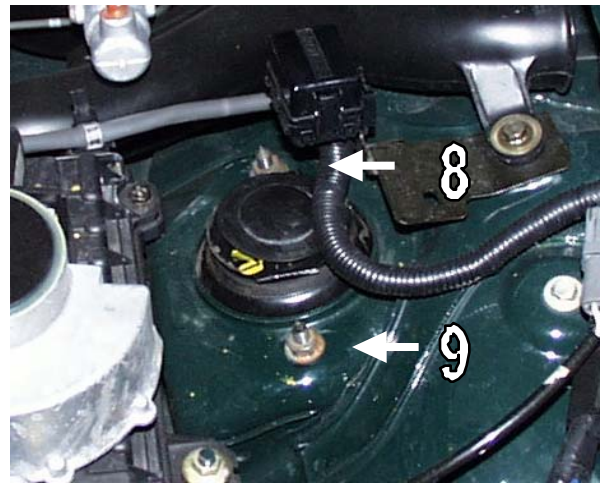
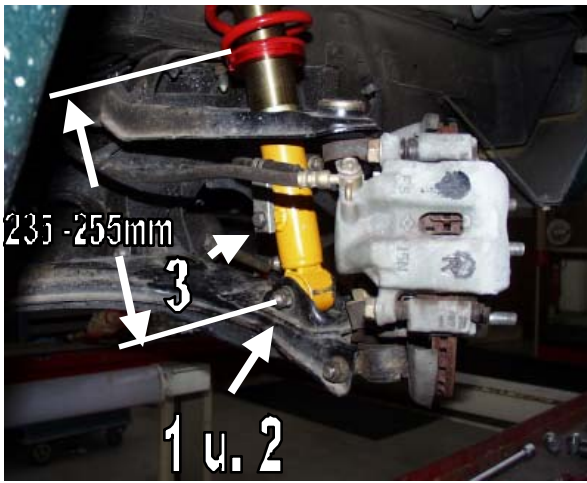


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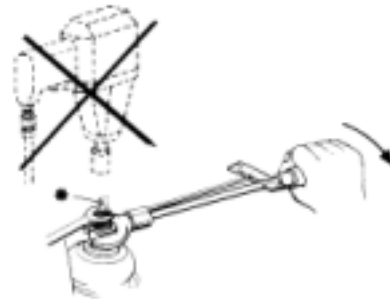
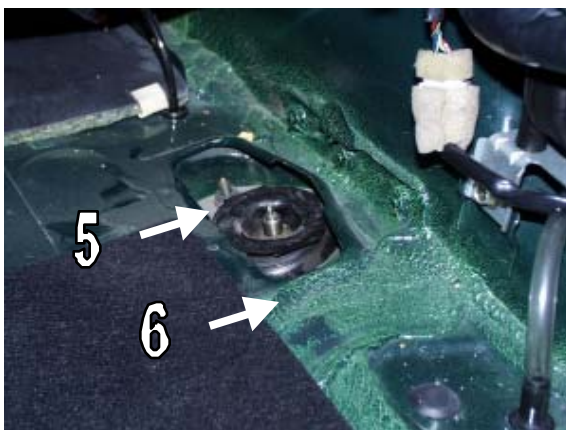
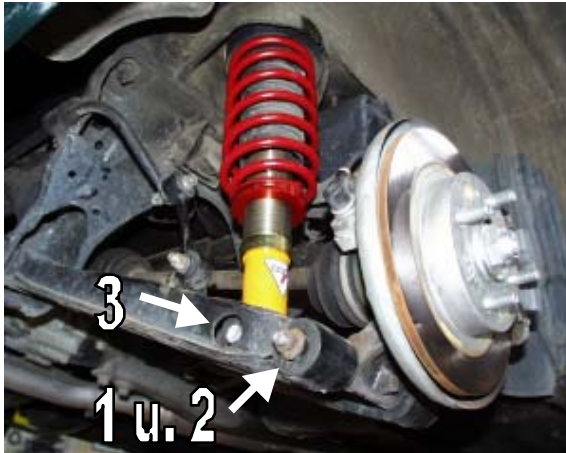
# Front



- Lift vehicle and remove wheels.
- loosen nut (1) and bolt (2) pull bolt out.
- remove bolt (3) and remove brake line.
- Remove nut and bolt (4) and disconnect stabilizer link.
- loosen nut (5) and bolt (6) pull bolt out of the lower ball joint (7) this will allow the wishbone to be pryed down.
- unscrew nuts (8 and 9)
- remove complete shock strut by pulling it downward.
- remove original spring, with a spring compressor.  
when disassembling refer to the parts list to determine what items must be saved.  
Set lower spring seat at (235 - 255 mm, upper edge spring seat to center of lower attachment bolt)  
the installation is the reverse of removal.  
(See rear instructions for torque specs.)

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# Rear



| Z | M10                  | M12                  | M14                   | M16                    | M18                    |
|---|----------------------|----------------------|-----------------------|------------------------|------------------------|
|   | 35 Nm<br>(26 ft.lbs) | 50 Nm<br>(37 ft.lbs) | 80 Nm<br>(59 ft.lbs)  | 120 Nm<br>(89 ft.lbs)  | 165 Nm<br>(122 ft.lbs) |
|   | 45 Nm<br>(33 ft.lbs) | 80 Nm<br>(59 ft.lbs) | 125 Nm<br>(92 ft.lbs) | 180 Nm<br>(133 ft.lbs) | 250 Nm<br>(185 ft.lbs) |
|   | —                    | 50 Nm<br>(37 ft.lbs) | 80 Nm<br>(59 ft.lbs)  | 120 Nm<br>(89 ft.lbs)  | 165 Nm<br>(122 ft.lbs) |

- Lift vehicle and remove wheels.
- Remove nut (1) and bolt (2)
- Remove lower absorber mounting bolt (3).
- lower wishbone (4) by prying downward.
- Remove inside paneling in the trunk.
- Remove nuts (5 and 6).
- Remove complete shock assembly by pulling downward.
- Disassemble shock assembly using spring compressor. when disassembling refer to the parts list to determine what items must be saved.
- The lower spring seat must be set to (170 - 190 mm, upper edge spring seat to center of lower attachment bolt)
- The installation is the reverse of removal. (See above for torque specs.)

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## Part List



|   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. White plastic disk</li> <li>2. bump rubber with dust cap</li> <li>8. Impact rubber with dust cap</li> <li>3. upper shock mount.</li> <li>4. Lock washer and Attaching nut M 12*1,25</li> <li>5. KONI Coil over shock with threaded sleeve.</li> <li>6. Front Coil Spring</li> </ol> | <ol style="list-style-type: none"> <li>7. White plastic disk guard ring</li> <li>8. Impact rubber with dust cap.</li> <li>9. upper shock mount.</li> <li>10. Lock washer and Attaching nut M 12*1,25</li> <li>11. KONI Coil over shock with threaded sleeve.</li> <li>12. Rear Coil spring</li> </ol> |
| <p><b>Items 2, 3, 8 and 9 are original - Mazda</b></p>  |   |