



1979-1985 MAZDA RX7 - STREET COIL OVER KIT:

Package contents:

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| 2) 4" threaded collar | 2) Thick bearing washer |
| 2) Threaded lower spring seat | 2) Thin bearing washer |
| 2) Upper spring seat | 2) Needle bearing |
| 4) Zip ties | 2) Plastic Sleeve |

- 1) Remove the strut assembly from the vehicle. Use the Factory Service Manual or your favorite repair manual for this step. Make sure to understand there are two different length bolts holding the strut housing to the steering arm/ control arm combination.
- 2) Disassemble the upper strut mount and spring from the strut housing. ***NOTE* - The spring will be under extreme compression. This step should only be performed if you have a spring compressor and know how to use it.** Please refer to the Factory Service Manual for this step.
- 3) Now that the upper strut mounts, upper spring seat and spring are removed you can begin the conversion.
- 4) Remove the large nut that secures the shock insert within the strut body.
- 5) Slip the supplied plastic sleeve over the strut body. It may be necessary to use a flat blade screw driver to spread the sleeve open.
- 6) Slide the threaded collar over the plastic sleeve with the "shaped" portion pointing towards the stock lower spring seat.
- 7) Rotate the threaded collar clockwise until it seats within the spring seat and will not rotate further.
- 8) Screw the new lower spring perch onto the threaded collar. Make sure the stop/set screws are loosened out and clear of the internal threads. This set screw is how you keep the lower spring perch in place once you set corner weights.
- 9) Re-insert the large nut that secures the shock insert within the strut body per the Factory Service Manual.
- 10) Slip the supplied aluminum upper spring seat onto your new 2.5" ID springs. Secure it to the spring with the supplied tie wraps through the small holes in the spring seat and around the spring.
- 11) Insert the thin (.030) hardened washer into the round recess in the top of the spring seat.
- 12) Insert the needle bearing into the round recess in the top of the spring seat.
- 13) Insert the thick (.125) hardened washer into the round recess in the top of the spring seat.
 - A small dab of grease will help keep the bearings and washers within the recess.
- 14) Slide the spring, upper spring seat assembly over the shock shaft and down onto the lower spring seat.
- 15) Secure your upper strut mount to the shock shaft per the Factory Service Manual. You are now ready to re-assemble the strut assembly back into the vehicle.