



## PLEASE READ CAREFULLY BEFORE PROCEEDING WITH INSTALL

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### Product Disclaimer

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- A vehicle modified by the use of competition product(s) for use on public roadways may not meet local, state, or federal regulations. Installation and use of this competition product(s) may also affect vehicle insurance coverage. It is the purchaser's responsibility to meet and comply with regulations and policies before operating vehicle on public roadways.
- There is no warranty stated or implied due to the unusual stress placed on competition product(s) and/or the inability to monitor their modification, installation, and use. The entire risk of quality, performance, and defect is with the purchaser and not the manufacturer, distributor, or retailer. Should any product(s) prove to be defective for any reason under any circumstance, the purchaser and not the manufacturer, distributor, or retailer will assume financial responsibility for any consequential damages, repairs/service, and any other liability.
- **CUTTING OR MODIFYING THE BUMPSTOP WILL VOID THE WARRANTY!!!**
- Group-A Autosports, Inc., does not guarantee ride quality for the following reasons:
  - a. Ride quality is entirely a subjective opinion
  - b. Proper installation is not guaranteed
  - c. Road condition vary
  - d. Shocks/struts quality and condition vary
  - e. Ride height adjustments will vary
- Return of product(s) will be accepted **ONLY** if product(s) is in resalable condition. All accepted returns will be subjected to a 20% restocking fee. **ABSOLUTELY NO RETURNS ON USED PRODUCTS.** For more information on return policy, please contact us at 951-808-9888 or at [www.skunk2.com](http://www.skunk2.com)

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### Warranty Policy

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Group-A Autosports Inc. warranties all products to be free of defects in materials and workmanship for normal use and service for a period of **One Year** from the date of retail purchase. Products returned must be inspected and determined to be defective by Group-A Autosports Inc. before any warranty credit and/or replacement is issued. Group-A Autosports Inc.'s obligation under warranty shall be limited to repairing or replacing, at its discretion, any product found to be defective. Final determination of the suitability of the product(s) for the intended use is the sole responsibility of the consumer. Group-A Autosports Inc. shall **not be liable for any special, direct, indirect, incidental or consequential damages that may be claimed as a result of the failure of any product, including claims for delay, loss of profits or labor.** Group-A Autosports Inc. shall **not be liable for any damage and/or injury to person(s) and/or property resulting from improper installation and/or misuse of any product subject to this warranty.** There is no other warranties expressed and/or implied extending beyond those set forth above.

## Pro Series Street Coilover System 541-05-0020

Part # 541-05-5730  
02-04 RSX / RSX Type S

Part # 541-05-5735  
05-06 RSX / RSX Type S

Part # 541-05-5745  
01-04 Civic EX

Part # 541-05-0570  
02-05 Civic Si

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### Included items with Pro Series Coilover System – Please inspect all items for defects before installation

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- (2) Skunk2 Pro Series Shock Absorbers with dual-locking perches (front assembly)
- (2) Skunk2 Pro Series Shock Absorbers with dual-locking perches (rear assembly)
- (2) 7" Front springs 0700-250-012S (12kg/mm spring rate)
- (2) 6" Rear springs 0600-250-008S (8kg/mm spring rate)
- (2) Spanner wrenches
- (2) Helper springs (for front assembly)
- (2) Helper spring mounts (rubber)
- (2) Upper spring mount (02-04 RSX and 02-05 SI)
- (2) Tie rod ends (for front assembly)
- (2) Upper spring mount (05-06 RSX)
- (2) Polyurethane upper mounts (05-06 RSX)

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## **Installation – Before the removal and installation of parts, please refer to the factory service manual**

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### **Note:**

- It is recommended that this coilover kit product be installed by a trained technician/professional.
- For factory strut removal instructions and diagrams, please refer to the factory service manual, or equivalent.
- DO NOT disassemble and/or modify the shock absorber assembly. Doing so may damage the shock absorber and will void the warranty.
- DO NOT cut or modify the bumpstop. Doing so may damage the shock absorber and will void the warranty.
- Be careful not to damage the piston rod. Scratches, indentations, bends or any other damage to the piston rod will make the shock absorber unusable and will void the warranty.
- Make sure that all factory parts to be installed on the Skunk2 shock absorbers are in good condition. Any parts that are damaged or deteriorated must be replaced. The use of damaged or deteriorated parts in conjunction with the Skunk2 shock absorber will void the warranty.
- ALWAYS install the shock absorbers with the spring perches at their highest position (top of the threaded portion of the shock body). Installing the shock absorbers with the spring perches any lower than the highest position may damage the shock absorbers and will void the warranty.

### **Height Adjustment:**

- This coilover kit is designed to allow both race-ride and street-ride heights. It is not recommended to run race-ride height for normal street driving. This will result in more tire wear due to the excessive negative camber, which creates more stress on the wheel hubs and ball joints.
- ALWAYS install the shock absorbers with the spring perches at their highest position (top of the threaded portion of the shock body). Installing the shock absorbers with the spring perches any lower than the highest position may damage the shock absorbers and will void the warranty.
- With the vehicle jacked up and secured on jack stands, raise (clockwise) or lower (counter clockwise) the aluminum perches with the supplied spanner wrenches to the desired height. Depending on which way turned, securely tighten the other perch against it.
- Lower the vehicle to check ride height. This process may need to be repeated until the desired ride height is achieved. Camber and toe settings will change depending on the height adjustments.
- A wheel alignment is recommended after complete installation.

## Front assembly

### Front Damper Removal

1. Raise the front of the vehicle and secure it with jack stands or a vehicle lift.
2. Remove the front wheels.
3. Remove the tie-rod end from the steering arm.
4. Remove the tie-rod end from the steering rack.
  - a. Count the number of rotations required to remove the tie-rod end.
5. Install the supplied tie-rod end on the steering rack.
  - a. Use the same number of rotations counted in the previous step.
6. Remove the wheel sensor harness bracket. Do not disconnect the wheel sensor.
7. Remove the brake line.
  - a. Do not disconnect brake line.
8. Remove the bolts from bottom mount.
9. Remove the flange nuts from the top mount.
10. Remove the entire damper assembly.

### Skunk2 Shock Absorber assembly and installation

#### Assemble the Skunk2 Shock Absorber

1. Carefully remove the self-locking nut from the shock absorber.
2. Install the dual locking spring perches.
  - a. Leave at highest setting
  - b. Adjust ride height after all shocks have been installed.
3. Install the provided bumpstop.
  - a. DO NOT CUT OR MODIFY THE BUMPSTOP. DOING SO WILL VOID THE WARRANTY.**
  - b. If one is not included, use the factory bumpstop but do not cut or modify the bumpstop.
4. Place the 0700.250.012S spring onto the spring perch.
5. Install helper spring mount on top of 0700.250.012S spring.
6. Install helper spring
7. Install upper spring mount onto the helper spring.
8. Remove the top mount w/ bearing from the factory damper and install onto Skunk2 Shock.
9. Install the self-locking nut. Tighten to 33 lb/ft.
  - a. Do not use an impact gun to tighten the nut.

#### Installation

1. Install the assemble Skunk2 shock absorber onto the vehicle and secure the top with (3) flange nuts.
2. Secure the lower portion of the Skunk2 shock absorber with the (2) bolts.
3. Reinstall the wheel sensor bracket and tighten bolt 7.2 lb/ft
4. Reinstall the brake line and tighten bold to 16 lb/ft
5. Install and secure the tie-rod end onto the steering arm using the supplied castle nut and cotter pin

6. Reinstall wheel and tighten to proper specifications.
7. Lower vehicle off the jack stands or vehicle lift

## **Rear Assembly**

### **Rear damper removal**

1. Raise the rear of the vehicle and secure with jack stands or vehicle lift.
2. Remove the rear wheels.
3. Remove the flange bolt from the bottom of the damper.
4. Remove the flange nuts from the top of the damper.
5. Remove the damper assembly from the vehicle.

### **Skunk2 Shock Absorber assembly and installation**

#### **Assemble the Skunk2 Shock Absorber**

1. Install the dual locking perches onto the Skunk2 shock absorber.
  - a. Leave perches at the highest setting.
  - b. Adjust the ride height after all shocks have been installed.
2. Install the provided bump stops
  - a. **DO NOT CUT OR MODIFY THE BUMP STOPS. DOING SO WILL VOID THE WARRANTY.**
  - b. If one is not included, use the factory bumpstop but do not cut or modify.
3. Install the 0600.250.008S spring onto the spring perch
4. Remove the spring mounting cushion from the factory damper and install onto the spring
  - a. Do not install dust cover.
5. Install the damper mounting plate onto the Skunk2 shock
6. Install the top mount including the damper mounting collar, upper and lower damper bushings onto the Skunk2 shock
7. Install the damper mounting washer on to the Skunk2 shock.
8. Install the provided self-locking nut and tighten to 22 lb/ft

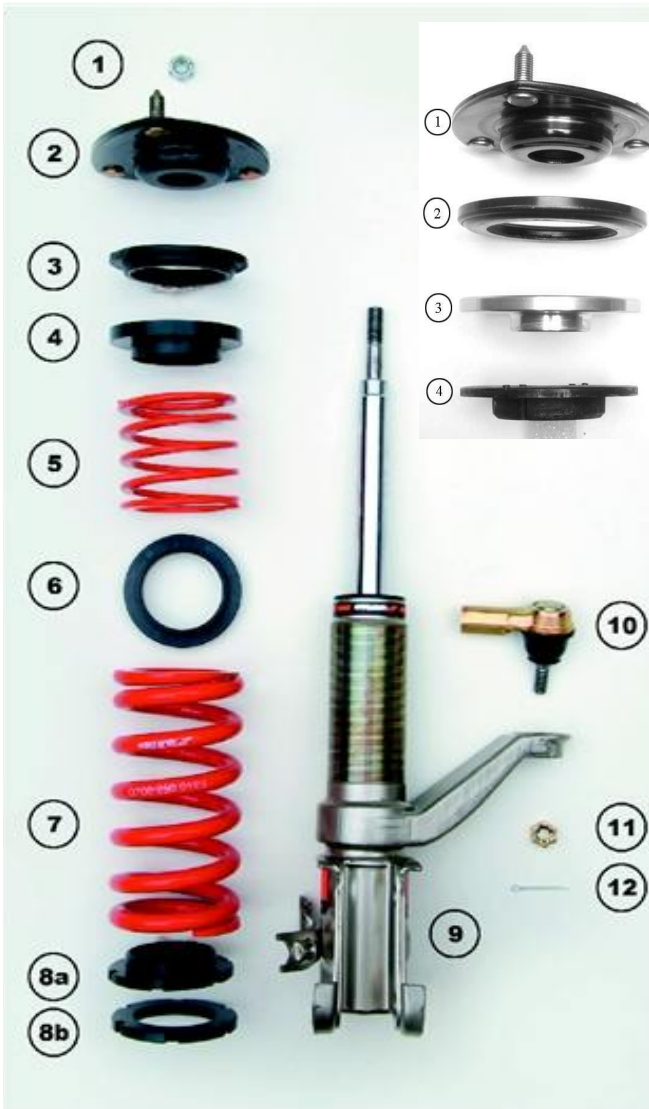
#### **Installation**

1. Install the Skunk2 shock onto the vehicle.
2. Install the flange nuts to the top of the Skunk2 shock
3. Install the flange bolt through the bottom of the Skunk2 shock
4. Reinstall wheels and tighten to proper specifications
5. Lower the vehicle from the jack stands or vehicle lift

## Front Shock Assembly

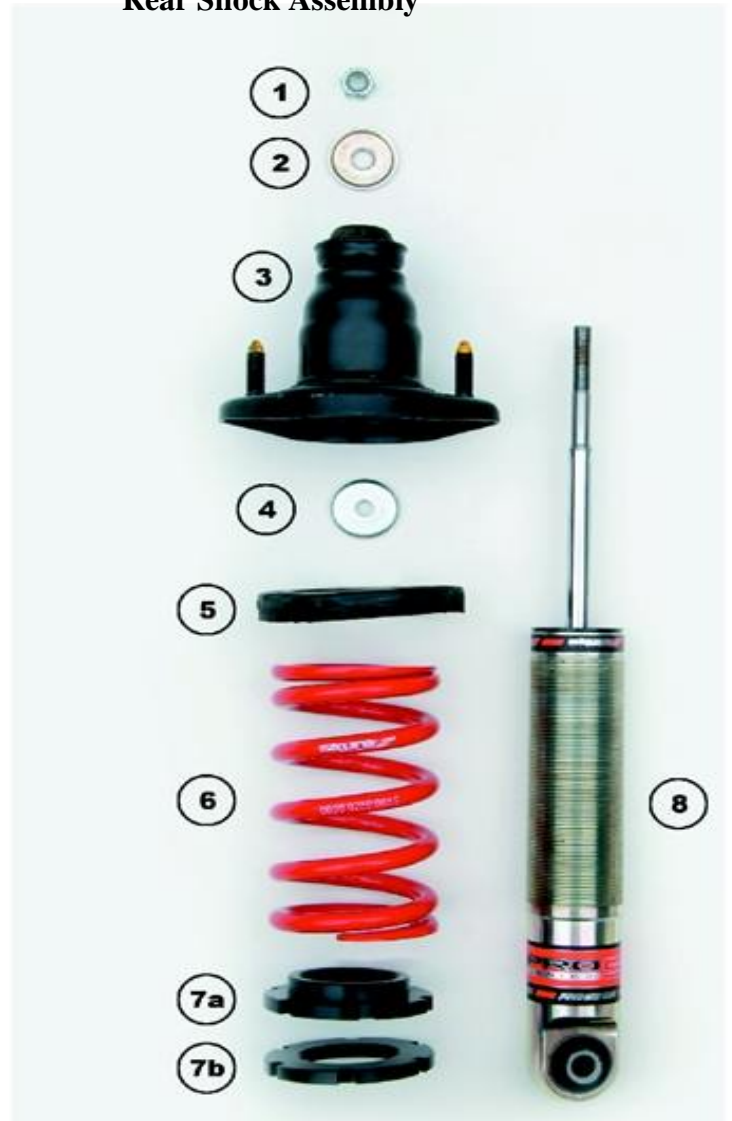
02-04 RSX / 02-05 Civic Si

05-06 RSX



1. Self-locking nut (supplied)
2. Top mount (from factory damper)
3. Upper bearing (from factory damper)
4. Upper spring mount (supplied)
5. Helper spring (supplied)
6. Helper spring mount (supplied)
7. 007.250.012S Spring (supplied)
8. a. Upper spring perch (supplied)  
b. Lower spring perch (supplied)
9. Skunk2 shock absorber
10. Tie-rod end (supplied)
11. Castle nut
12. Cotter pin

## Rear Shock Assembly



1. Self-locking nut (supplied)
2. Damper mounting washer (from factory shock)
3. Top mount includes damper mounting collar, upper and lower bushings (from factory shock)
4. Damper mounting plate (from factory shock)
5. Spring mounting cushion (from factory shock)
6. 0600.250.008S spring (supplied)
7. a. Upper spring perch (supplied)  
b. Lower spring perch (supplied)
8. Skunk2 shock absorber