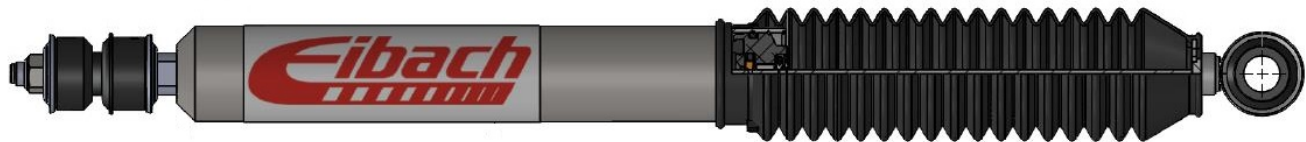


# Installation Instructions

## Pro-Damper – # E60-82-008-02-01

Contents	Description	Part Number	Qty
	Damper Assy.	82112.8004.1	1
	Dust Boot	84-2015	1
	Cupped Washer	84-1339	2
	Bushing	84-1373	1
	Lower Stem Bushing	84-1532	1
	Upper Stem Bushing	84-1531	1
	Center Washer	84-1338	1
	Rod End Assy.	28-1672	1
	Nut, Nylock M12-1.25	H63025400	1
	Zip Tie	H70065500	1
	Information Kit	EPAK	1
	Installation Instructions	82112.8004INST	1



### NOTES: Read All Instructions Before Beginning Installation

1. Park vehicle on level surface and set emergency brake. Raise and support the vehicle with safety stands. Refer to factory manual for proper location of safety stands.
2. Power washing your chassis will make the installation cleaner.
  - **NOTE:** Never work on or under a vehicle unless it is properly supported by safety stands.
3. Loosen and remove the OE shock per the factory recommended removal procedure.
4. Installation of the Eibach Pro Damper shock should be done in the reverse order of removal.



## Shock Instructions and Safety Tips

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### Installation

#### **IMPORTANT NOTES:**

- Any time you are working under a vehicle, be sure to use the proper jack stands and tire chocks to prevent any shifting or slipping of the car. Never use a jack only to support the vehicle while changing shocks.
- Inspect shock brackets or mounting points before installation to make sure they are not broken or bent.
- Do not attempt to disassemble these shocks. Return damaged shocks to EIBACH SPRINGS for any necessary service or repairs.

#### **PLEASE READ THESE INSTRUCTIONS ENTIRELY BEFORE BEGINNING**

- Proper installation is a must to realize the maximum performance improvements. Follow these steps carefully.

#### **USE THE RIGHT SHOCK FOR YOUR VEHICLE**

- Use EIBACH SPRINGS shocks only for the applications for which they are listed. Each shock is specifically tuned for that vehicle's weight, suspension geometry, and other characteristics.
- Compare original shock mounting style and hardware with your new shocks before starting installation. If original hardware is not reusable, it should be replaced with OEM quality and style hardware.
- Shocks are tuned to vehicle manufacturer's recommendation for tire pressure, not necessarily the max inflation pressure listed on sidewall of tire.

#### **IMPORTANT INSTALLATION NOTES**

- If you are uncertain of proper shock installation procedure, please consult appropriate service manual. Torque all fasteners to vehicle manufacturer's specs. Note: On Post Mount shocks, finger tighten nut to achieve zero clearance between the retaining washers and the bushings, then continue to tighten approximately 5-6 turns to achieve proper pre-load. Bushings should be slightly bulged. Secure with Jam Nut. On some vehicles, nut may bottom out on stud before 5-6 turns, which is proper for those applications.
- OEM mounting hardware may be either standard or metric. Make sure you have the proper tools before starting. Do not interchange hardware. Use new mounting hardware provided with your shocks, and re-use original mounting hardware in all other locations.
- EIBACH SPRINGS shocks have a high-pressure nitrogen gas charge and may come with a restraining strap, which holds the shock in a compressed position. To ease most installations, leave the strap on until you have secured one end of the shock, then cut the strap and quickly guide the other end of the shock into position as it expands. Strap must be cut before some installations, such as when strap goes around post.
- Wire ties are provided to secure the shock boot to the shock body. On some installations (especially where the shock must pass through a hole in the lower control arm), it is necessary to put the wire tie on after the shock is installed.
- After installing shocks and before driving vehicle, check for clearance of exhaust, brake or gas lines, electrical wiring, etc.
- After installation, drive the vehicle cautiously for the first few miles to develop a feel for the improved handling and ride quality. After 10 miles, inspect installation, re-check torque on all fasteners, and verify adequate component clearance.



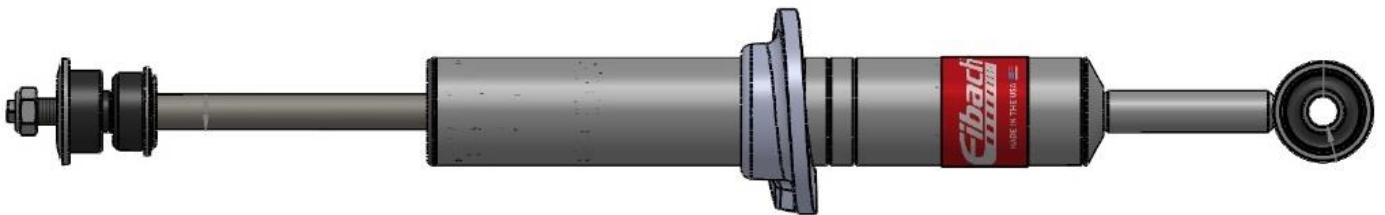
# Installation Instructions

## ***Pro-Truck Sport Leveling – # E60-59-005-01-10***

**Note:** The average lift amounts shown on page 3 of this instruction sheet are based on using the OE springs. If using the Eibach Pro Lift springs, refer to the instructions that are specific to the Eibach Pro Lift springs.

**Note:** Eibach recommends replacing used snap rings with new snap rings when adjusting the ride height on your truck. We have included a spare snap ring for such occasions.

Contents	Description	Part Number	Qty
	Damper Assy.	82123.8003.1	1
	Bump Stop Cap Assy	8001108.0	1
	Upper Stem Bushing	84-1331	1
	Cupped Washer	84-1334	1
	Lower Stem Bushing	84-1332	1
	Lower Stem Washer	84-1335	1
	External Snap Ring	84-1804	1
	Bushing	8000909	1
	Nut, Nylock M12-1.25	H63025400	1
	Spring Perch	84-3005	1
	Installation Instructions	82123.8003INST	1
	Retaining Ring Kit, Spare	84-1804.0	1



### **NOTES: Read All Instructions Before Beginning Installation**

1. Park vehicle on level surface and set emergency brake. Raise and support the vehicle with safety stands. Refer to factory manual for proper location of safety stands.
2. Power washing your chassis will make the installation cleaner.
  - **NOTE:** Never work on or under a vehicle unless it is properly supported by safety stands.
3. Loosen and remove the OE shock per the factory recommended removal procedure.
4. Installation of the Eibach Pro Damper shock should be done in the reverse order of removal.



## Shock Instructions and Safety Tips

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### Installation

#### **IMPORTANT NOTES:**

- Any time you are working under a vehicle, be sure to use the proper jack stands and tire chocks to prevent any shifting or slipping of the car. Never use a jack only to support the vehicle while changing shocks.
- Inspect shock brackets or mounting points before installation to make sure they are not broken or bent.
- Do not attempt to disassemble these shocks. Return damaged shocks to EIBACH SPRINGS for any necessary service or repairs.

#### **PLEASE READ THESE INSTRUCTIONS ENTIRELY BEFORE BEGINNING**

- Proper installation is a must to realize the maximum performance improvements. Follow these steps carefully.

#### **USE THE RIGHT SHOCK FOR YOUR VEHICLE**

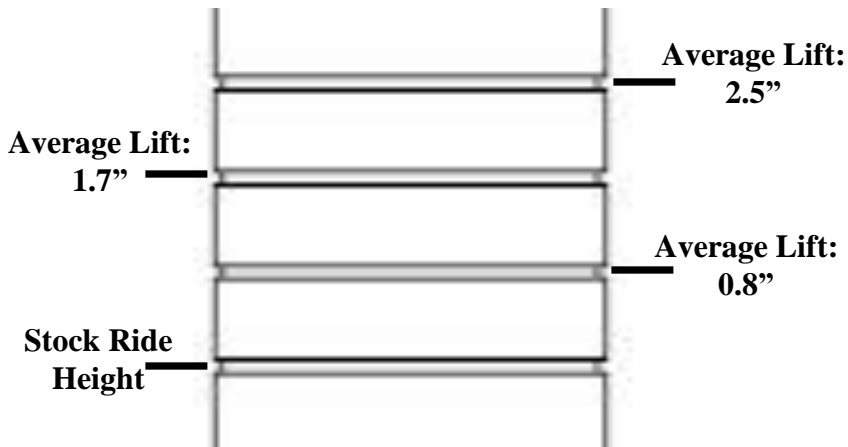
- Use EIBACH SPRINGS shocks only for the applications for which they are listed. Each shock is specifically tuned for that vehicle's weight, suspension geometry, and other characteristics.
- Compare original shock mounting style and hardware with your new shocks before starting installation. If original hardware is not reusable, it should be replaced with OEM quality and style hardware.
- Shocks are tuned to vehicle manufacturer's recommendation for tire pressure, not necessarily the max inflation pressure listed on sidewall of tire.

#### **IMPORTANT INSTALLATION NOTES**

- If you are uncertain of proper shock installation procedure, please consult appropriate service manual. Torque all fasteners to vehicle manufacturer's specs. Note: On Post Mount shocks, finger tighten nut to achieve zero clearance between the retaining washers and the bushings, then continue to tighten approximately 5-6 turns to achieve proper pre-load. Bushings should be slightly bulged. Secure with Jam Nut. On some vehicles, nut may bottom out on stud before 5-6 turns, which is proper for those applications.
  - OEM mounting hardware may be either standard or metric. Make sure you have the proper tools before starting. Do not interchange hardware. Use new mounting hardware provided with your shocks, and re-use original mounting hardware in all other locations.
  - EIBACH SPRINGS shocks have a high-pressure nitrogen gas charge and may come with a restraining strap, which holds the shock in a compressed position. To ease most installations, leave the strap on until you have secured one end of the shock, then cut the strap and quickly guide the other end of the shock into position as it expands. Strap must be cut before some installations, such as when strap goes around post.
  - Wire ties are provided to secure the shock boot to the shock body. On some installations (especially where the shock must pass through a hole in the lower control arm), it is necessary to put the wire tie on after the shock is installed.
  - After installing shocks and before driving vehicle, check for clearance of exhaust, brake or gas lines, electrical wiring, etc.
  - After installation, drive the vehicle cautiously for the first few miles to develop a feel for the improved handling and ride quality. After 10 miles, inspect installation, re-check torque on all fasteners, and verify adequate component clearance.
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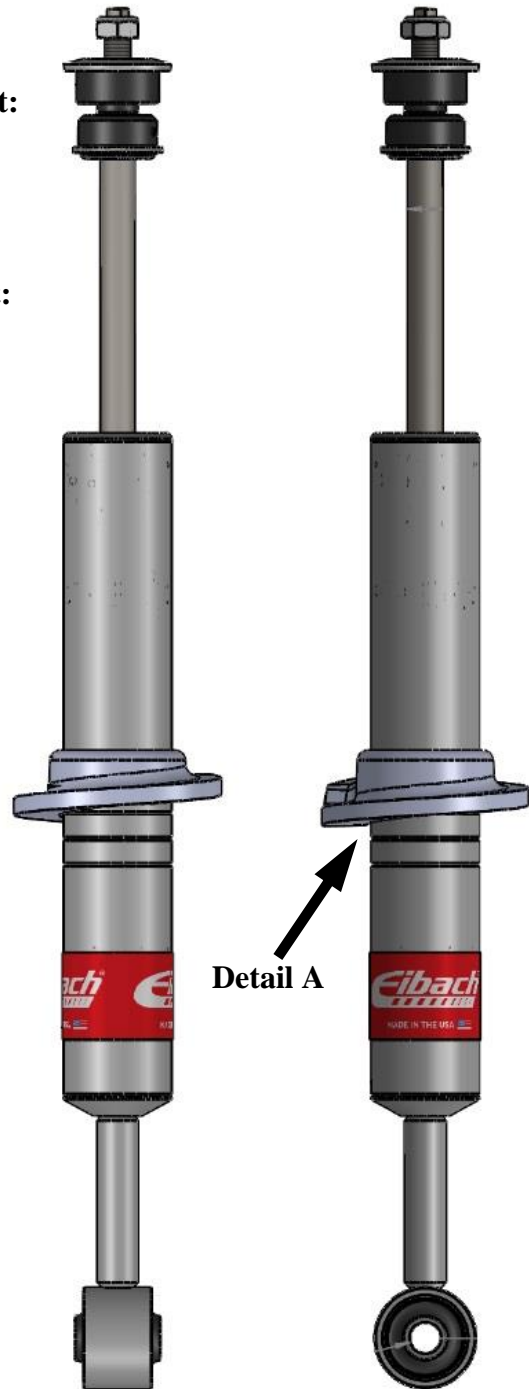
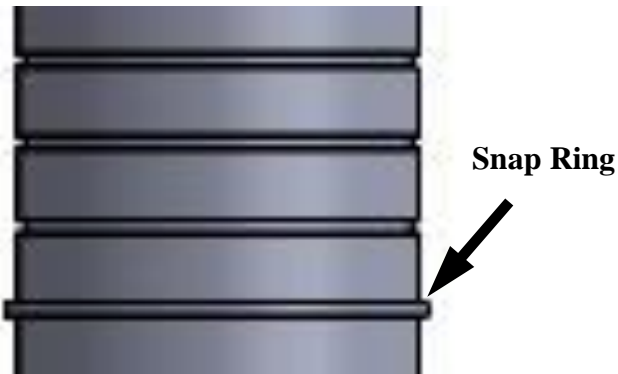


**Note:** If using the Eibach Pro Lift springs, refer to the instructions for the springs to determine the proper perch height. The average lift shown below is based on using the OE springs.



**Important:** Ensure that the Snap Ring is fully seated in the snap ring groove (you should be able to rotate it manually). Install the Spring Perch Adapter in the orientation shown, making sure the snap ring is fully seated into the groove on the bottom side of the spring perch adapter. **Note:** Improper installation will cause permanent damage to the shock.

Detail A





# Installation Instructions

## **PRO-LIFT # E30-59-005-01-20**

**2003-2009 Lexus GX470**

**Note: The Pro Truck Leveling springs must not be used with the OE shocks. Extended travel shocks are required to avoid damage to the suspension.**

**Note: Please refer to the instructions on the following page for proper spring fitment when using the Eibach Pro Sport Truck Dampers**

Kit Contents	Description	Part Number	Qty
	Front Spring	F31-59-005-01-FA	2
	Instructions	E30-59-005-01-20INST	1

### **NOTES: Read All Instructions Before Beginning Installation**

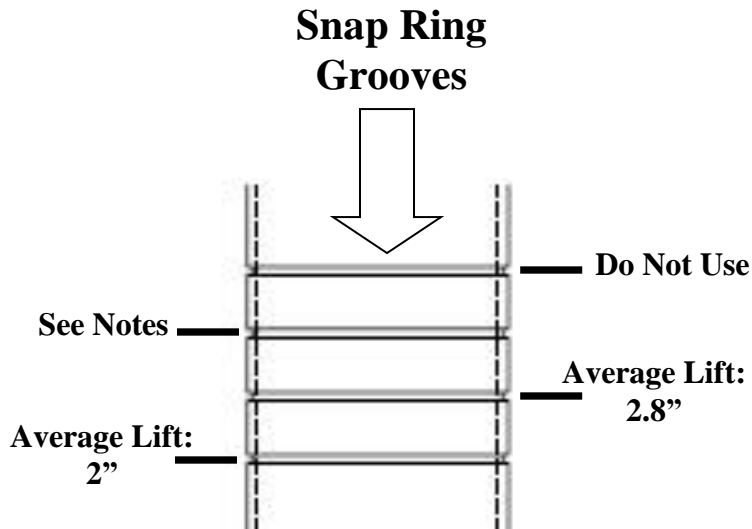
- Only qualified mechanics experienced in the installation and removal of suspension components should perform this installation.
- Use of a hoist is highly recommended and will substantially reduce installation time.
- Never work on or under a vehicle unless it is properly supported by safety stands and wheels are blocked.
- Never use impact wrenches or impact guns to install or remove shock absorber piston components, shafts and piston rod nuts.
- **PRO-LIFT** springs should be installed with the Eibach Logo right side up. All original stock spring isolators, and tubing should be retained from the stock springs and used when installing the **PRO-LIFT** Springs.
- After installation, it is always important to inspect and adjust the following if necessary:
  - Wheel alignment such as camber, caster & toe
  - Tire and/or wheel fender clearance, when aftermarket tires and wheels are used.
  - Brake line clearance and attachments
  - Brake anti-locking and anti-skid system sensors

### **Additional Eibach Components Available For Your Truck**

Eibach Kits	Part Number	Description	Front	Rear
<b>Pro Truck Sport Leveling front dampers</b>	E60-59-005-01-10	Off-Road Performance	+0-2.5"	N/A
<b>Pro Truck Sport Leveling rear dampers</b>	E60-82-008-02-01	Off-Road Performance	N/A	0-1"



# Spring Seat Fitting Instructions for Eibach Pro Sport Truck Dampers



**Important:** Ensure that the snap ring is fully seated in the snap ring groove (you should be able to rotate the snap ring manually/by hand). **Note: Improper installation will cause permanent damage to the shock. Please refer to the Pro Truck Sport Damper instructions for more info regarding proper installation and fitment.**

## Notes:

- Do Not use the top groove in conjunction with the Eibach Pro Lift Spring. Doing so will cause damage to the suspension and a possible loss of control of vehicle.
- The 2<sup>nd</sup> and 3<sup>rd</sup> snap ring grooves are to be used to accommodate extra weight, such as heavy duty bumper, winch, and other miscellaneous modifications that may contribute to a lower overall ride height.
- Use of the 2<sup>nd</sup> and 3<sup>rd</sup> grooves to get more than 2" of lift on a stock vehicle may cause a degradation of ride quality.
- Average lift measurements shown are for Pro Truck Sport Dampers when used in conjunction with Eibach Pro Lift Springs. The lift amounts are based on a stock vehicle with no added aftermarket accessories or additional weight.