



[www.DaystarWeb.com](http://www.DaystarWeb.com)  
 Tech Support Contact Info  
[Tech@DaystarWeb.com](mailto:Tech@DaystarWeb.com)  
 Phone: 623.907.0081  
 Fax: 623.907.0088  
 841 South 71<sup>st</sup> Avenue  
 Phoenix, AZ 85043

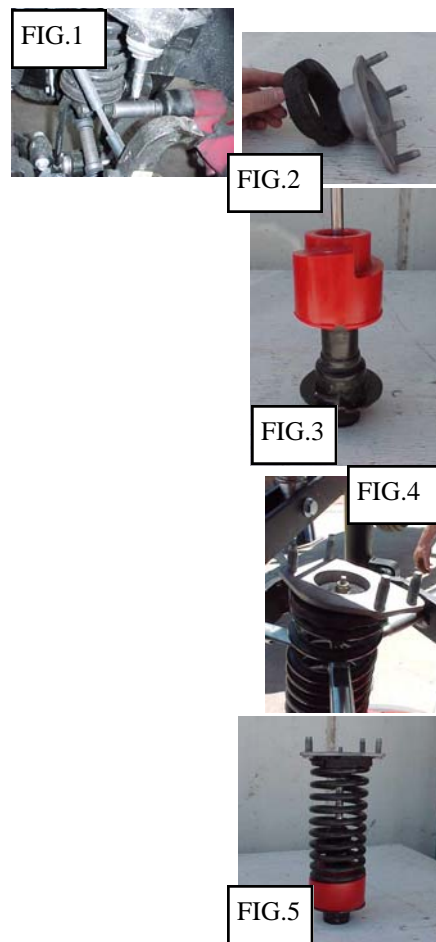
## **KC09106** **2007 DODGE NITRO 2WD & 4WD** **2" FRONT & REAR LEVENLING KIT**



NOTE: This kit should be installed by a professional mechanic.

Bill of Materials 2"		
Part No.	Description	Qty
M03323	Coil Spacer Ft	2
M03441	Stem Cushions	4
S10578	Left Mount plate	1
S10579	Right Mount plate	1
S10138	Washer (for boots)	2
M00313	Boot	2
P01055	Cable tie	2
REAR SPACER		
M03784	Coil Spacer rear	2

1. Read all instruction and check the bill of materials before beginning.
2. Disconnect the negative battery cable. Raise the front of the vehicle and support with jack stands and block the rear wheels. Remove the front wheels
3. Remove the upper ball joint nut and separate the upper ball joint.
4. Disconnect the lower strut fork at the lower control arm and at the lower portion of the strut assembly.( FIG 1 )
5. Remove the air box on the passenger's side. Remove the 4 strut tower nuts from inside the engine compartment on both sides. ( label the struts LT and RT).
6. Separate the strut fork from the strut assembly and remove the strut from the vehicle.
7. Compress the coil spring with a spring compressor. Remove the upper strut nut, washer and mounting plate. Remove the strut from the spring. Remove the strut dust cover by cutting it off the lower stem cushion washer. Remove the lower stem cushion washer. FIG 3)
8. Remove the lower coil spring isolator from the strut and insert the coil spring spacer. ( FIG 3 )
9. When reassembling the strut assembly make sure that the coil spring sites correctly into the coil spring spacer.( FIG 3 )
10. Remove upper strut plate studs using a press. Install the factory studs into the new strut mounting plate with the studs facing in the upward position. Reinstall the upper strut isolator onto the new mount. FIG 2)
11. Remove the washer attached to the stock boot.
12. Insert one of provided washes into the inside groove on the smaller end of the boot. Reassemble the strut assembly with the washer that is in inside of the boot, then factory washer ( bevel down), stem cushion strut mount plate, stem cushion, factory washer and nut. Making sure that the lower strut fork keyway aligns with the new upper strut mounting plate studs for reassembly. Keyway faces outward as does the wide set upper studs. Tighten the upper strut assembly nut washer. (FIG 4).
13. Continued on page 2





[www.DaystarWeb.com](http://www.DaystarWeb.com)  
Tech Support Contact Info  
[Tech@DaystarWeb.com](mailto:Tech@DaystarWeb.com)  
Phone: 623.907.0081  
Fax: 623.907.0088  
841 South 71<sup>st</sup> Avenue  
Phoenix, AZ 85043

## KC09106 2007 DODGE NITRO 2WD & 4WD 2" FRONT & REAR LEVENLING KIT

14. Reinstall the strut assembly into the vehicle and start the upper nuts , hand tighten only, reinstall the lower strut fork and hand tighten the bolts at the strut. Install the lower fork bolt onto the lower control arm. An external spring compressor with then claws will help in assembly. ( Make sure that the lower strut fork is aligned with the strut assembly keyway)
15. Tighen the upper 4 factory nuts on each side and reinstall the air box. Tighten the upper and lower fork bolts. Reassemble the upper control arms and tighten all bolt to factory torque specifications.
16. Install the wheels, remove the jack stands and lower to the ground.



### Rear Installation Instructions

1. Raise the rear of vehicle and support with jack stands in front of the lower control arms so that the rear tires are off of the ground. Remove the rear wheels.
2. With a floor jack supporting the axle, disconnect the upper shock mounts.
3. Lower the axle and remove the coil springs.
4. Remove the lower coil spring isolator.
5. Install the coil spring spacer in the same position as the lower isolator.
6. Install the coil spring on top of the coil spring spacer. (You may have to use a coil spring compressor to reinstall the coil spring)
7. Raise the floor jack and reconnect the upper shock mounts and torque all bolts to factory specs.
8. Reinstall the wheels and lower the vehicle to the ground.
9. Recheck all bolts after 500 miles.
10. Upon completion of kit installation the following warning applies:
11. Alignment is needed .
12. check all bolts after 500 miles.

#### Warranty:

Four Real Steel Products carry a limited warranty: This Limited Warranty does not include normal wear and tear and is void if product shows any evidence of misuse, abuse, accident/collision, road hazard, improper installation and or maintenance or modification. This warranty does not cover cost of removal, installation, shipping or other incidental charges. This warranty is limited to the repair and/or replacement of the Four Real Steel Product only at the discretion of Four Real Steel Products, Inc. ALL WARRANTY ISSUES MUST BE ACCOMPANIED BY A SALES RECEIPT WITH TRANSPORTATION OR SHIPPING CHARGES PREPAID. This warranty extends only to the original purchaser of the Four Real Steel Products

