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4-Runner 2003-09

Front easy install

4wd & 2wd 6 lug only



Instruction Sheet P10669

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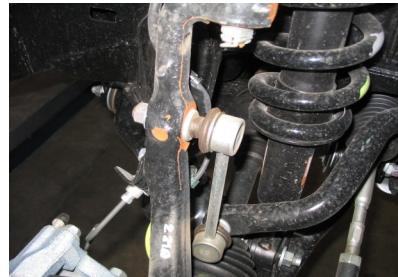
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Installation Steps

1. Read all instructions and check bill of materials and tools before beginning.
2. Disconnect the negative battery cable.
3. Place the vehicle on a clean and level surface. Set the parking brake and place wheel chocks behind the rear wheels. Jack up the front of the vehicle by the frame with a floor jack and support vehicle at the frame rails with approved jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.**
4. Disconnect the ABS and brake lines from the upper a-arm and spindle (10mm and 12mm bolts.



5. Disconnect the sway bar on both side at the spindle. (17mm bolt.)



6. Remove the upper strut nuts.(14mm nuts) You will need to reuse them later.
7. Remove upper ball joint nut (19mm nut) and separate the ball joint from the spindle by hitting the side of the spindle. **DO NOT** use a ball joint separator tool it can damage the ball joint boot.

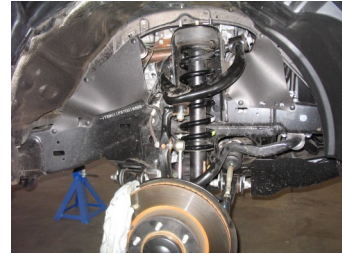


Installation Steps

8. Remove the lower strut bolt and nut (19mm) .
9. Remove the strut from the vehicle and cut the 3 studs to 3/4" tall.
10. Install the stud extenders and spacer on the top of the strut plate.



11. Reinstall the strut into the vehicle and tighten the upper strut nuts. You will have to push up on the upper a-arm to get the strut back in.
12. Reinstall the suspension working in reverse order.



13. Recheck all bolts after 500 miles.
14. Daystar Recommends that you have your wheel alignment checked.

TOOLS NEEDED

1. Floor Jack
2. Jack stands
3. Wheel chocks
4. Set of metric tools from 10mm to 19mm
5. Hammer
6. Saw or cut off wheel.

Bill of Materials front

<u>Part No.</u>	<u>Description</u>	<u>Qty</u>
M20970	Spacer	2
S20904	Stud ext	6
P10669	Instructions	1

IMPORTANT NOTE: The advertised amount of lift that this kit provides and the thickness of the spacers supplied will not be the same! For example, a 2-1/2" lift may only have 1-1/2" thick spacers. The reason for the difference between the spacer thickness and the amount of lift has to do with suspension geometry. There is a ratio involved, and it is this ratio that determines the thickness of the spacers. Rest assured, installing the spacer supplied will result in the proper amount of lift out at the wheel.

WARNING

This vehicle has been modified to enhance its performance. The steering, braking and handling of this vehicle will differ from standard passenger cars and trucks. This vehicle handles differently from an ordinary vehicle in driving conditions which may occur on streets, highways and off road. Avoid unnecessary abrupt maneuvers, sudden stops, sharp turns and other driving conditions that could cause loss of control, possibly leading to a roll over or other accident that could result in serious injury or death to driver and passengers. If larger tires are installed the speedometer will read lower than the vehicles actual speed.

DRIVE WITH CARE, REDUCE SPEED AND WEAR SEAT BELTS AT ALL TIMES.

Do not combine with any other suspension kit.