



**2021 & Up Ford Bronco Sport Base Trims**  
**2021 & Up Ford Bronco Sport Badlands Ed.**

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Instruction Sheet: INS04063

2021 Daystar Products International Inc.

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Revised by: TY



is your number one source for Made In The USA quality, Comfort Ride™ leveling kits. Now backed with our exclusive *Go Everywhere* © Lifetime Limited Warranty (see terms at [Daystarweb.com](http://Daystarweb.com)). To assure your safety and proper installation of this product, take a moment to read all instructions and Product Safety Information before trying to install your Daystar® product. Current OEM suspension design is complex: meaning safe and proper installation requires understanding OEM service techniques for disassembly and assembly of the components indicated together with the instructions and warnings set out below and in the OEM service manual and your owner's manual. *Daystar® strongly recommends seeking advice from or having this product installed by a professional mechanic who can inspect your suspension, confirm compatibility with your tire and wheel choice and, if needed, reset alignment to optimize your steering and the features of your Daystar® Comfort Ride kit.* We are here to help if you have remaining technical questions after reading these instructions. Contact us toll free at 800-595-7659.

## Product Safety Information

Throughout these instructions important safety information is generally preceded by one of three signal words indicating the relative risk of injury. The signal words mean:

**! WARNING** A hazardous situation which, if not avoided, could result in death or serious injury. You can be Killed or Seriously Hurt if you do not follow instructions.

**! CAUTION** A hazardous situation which, if not avoided, could result in minor or moderate injury. You can be moderately HURT and may suffer property damage if you don't follow instructions.

**NOTICE** Careful attention is required to this instruction or operation but does generally not relate to personal injury. Damage to your product or other property may result if you don't follow instructions.

### **!WARNING**

Familiarize yourself with all vehicle manufacturer and Daystar warnings, instructions and limited warranties before driving your modified suspension vehicle. Also be aware many states / countries have laws governing on-road vehicle heights and modifications. You are responsible for assuring the safety and legality of your vehicle. A summary of current state vehicle laws is available at [www.sema.org](http://www.sema.org).

## Tools Needed

Quantity	Description
1	Floor jack
2	Jack stands
2	Wheel chocks
1	Lug wrench
1	1/2" Ratchet
Set	1/2" Drive metric socket set
Set	Metric wrench set
1	Torque wrench
1	T40 Torx
1	6mm Allen wrench
1	Hammer
1	Pliers or Vise grips

## Bill of Materials / Part list

### Lift Kit 2021 and Up Ford Bronco Sport

Quantity	Part Number	Description
	KF04062BK (KF04063BK)	<b>KIT</b> <b>(KIT Badlands ed.)</b>
2	M23252-BK-01 (M23274-BK-01)	Front Coil Spring spacer (Badlands ed.)
6	S23267 (S23275)	M8 Studs
6	S23353	M8 Nyloc Nuts
6	S10467 (S23276)	M8 Steel Sleeves
2	S23355	Sway bar End Link PS
2	M23263-BK-01	Spring Spacer Rear Upper
4	S23272	.500" Spacer
4	S23271	M14 Hex Bolt x 60mm L
8	P01055-BK	Cable Tie
1	P10474	Warning Decal/Disclaimer

## Installation Instruction

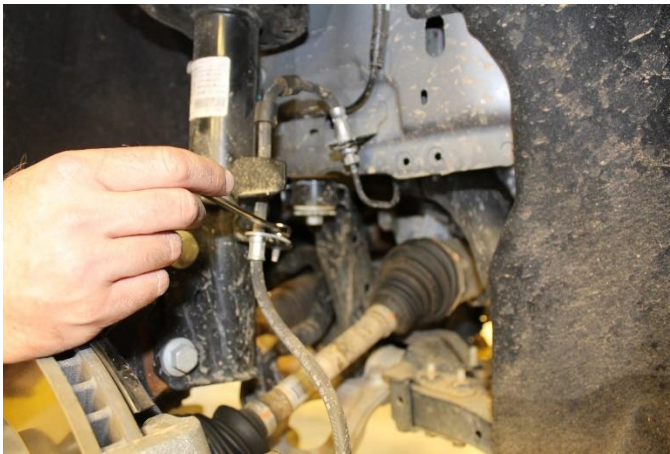
**!Warning: Always work with appropriate personal safety gear including safety glasses, gloves and hearing protection if using air powered tools.**

Begin by inspecting the components & hardware for damage. Then compare components & hardware to the bill of materials for completeness. If anything is missing/damaged, do not proceed with the installation. Please, call Daystar Products (800-595-7659) and we will send you the missing or damaged components free of charge.

**!Caution: Vehicle must be raised to install lift kit. Using a hydraulic chassis lift will greatly ease installation. If another jack is used, assure vehicle is level on a firm surface, in park (1st gear), rear wheels blocked, and jack stands in place to support vehicle in case jack or vehicle shifts.**

### **Front Suspension**

1. Elevate vehicle
2. Remove wheels with 19mm socket
3. Put vehicle in accessory mode and turn wheels to Driver Side approximately 1.5 turns
4. Unfasten Brake Line from strut with 8mm



5. Unfasten speed sensor from strut. **NOTICE** Be careful when removing the speed sensor cable, as putting too much tension on the cable can damage it and result in error codes

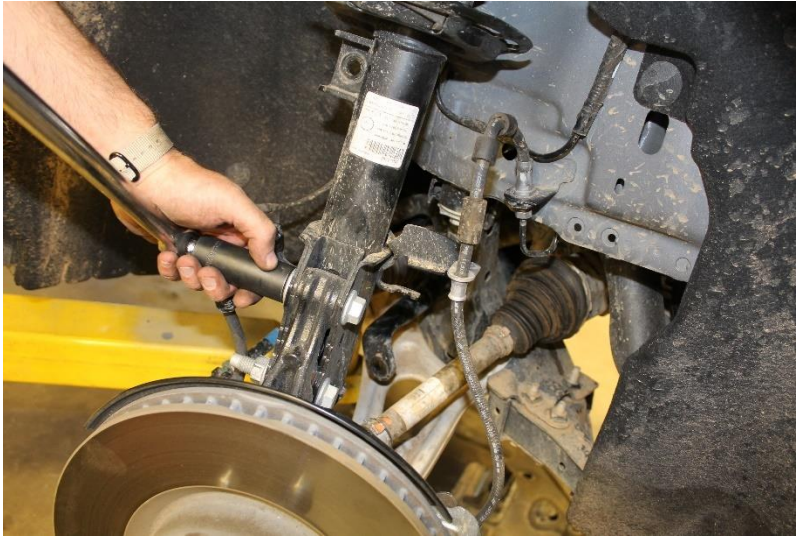


6. Detach speed sensor wire harness from sensor, and from both chassis mount locations shown:



7. Unfasten Sway Bar link upper nut with Impact and 18mm socket
8. Unbolt lower sway bar link with 18mm wrench and T40 Torx driver
9. Unbolt lower strut from knuckle with 21mm socket & 18mm wrench. **Loosen the nut side only!**  
The bolt is splined so as not to spin, and will need to be tapped out





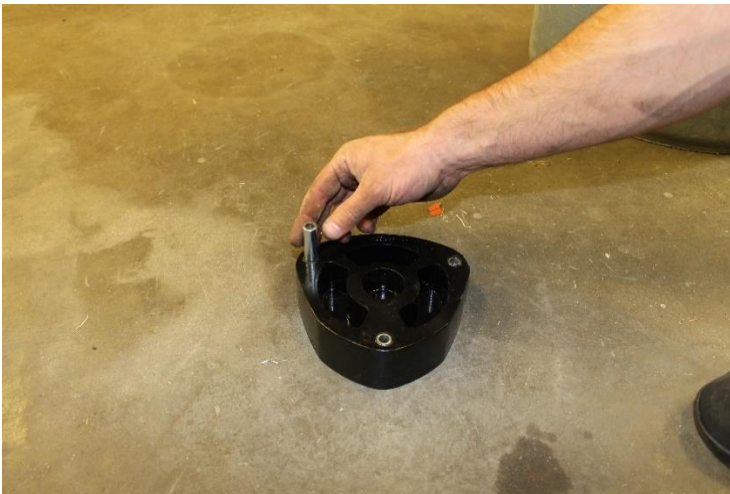
10. Unclip valence and Remove strut tower cover



11. Remove 3 13mm bolts holding the strut in place being careful to hold the assembly while removing the last fastener so that it does not fall



12. Remove strut from vehicle taking care to avoid damaging the wheel sensor wire, brake line or CV boot around it
13. Thread included M8 studs into strut using pliers to screw the shorter threaded end into the assembly. It is normal for this thread to give some resistance as it is made to be a vibration resistant thread cut
14. Insert 3 of the included steel sleeves into one of the larger poly spacers, and position on the studs installed on the strut assembly (**check orientation!** "OUT" arrow should be facing up and should point towards the outside of the car in the strut's installed orientation). Position strut back into the three upper mounting holes on the chassis



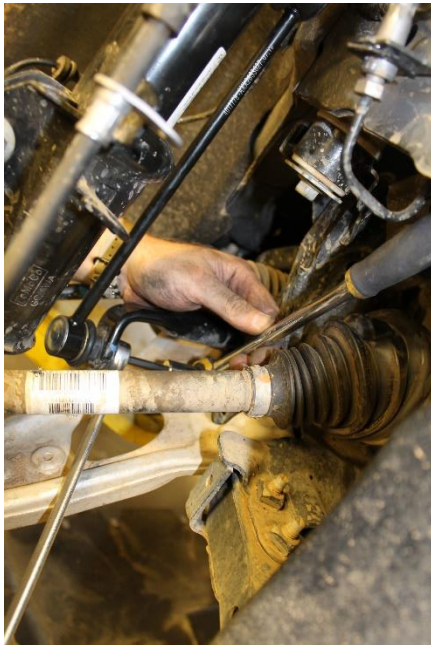
15. Start 3 of the included M8 stainless steel Nyloc nuts in the engine bay. Torque to 25ftlbs



16. Reinstall the lower strut bolts, lower bolt first, then rocking into position for the upper bolt



17. Torque lower strut bolts to factory specifications  
18. Repeat steps 10-16 for driver/passenger side of vehicle  
19. Ready sway bar links  
    a. pn: 265-3027 PASSENGER SIDE  
    b. pn: 265-3026 DRIVERS SIDE  
20. Install upper sway bar link (onto strut) (tools needed: 6mm allen, 18mm)  
21. Install lower sway bar link (may need to pry sway bar down)



22. Reinstall brake line mounts with their factory bolts  
23. **NOTICE:** The speed sensor wire routing must be relocated to protect it from pinching and stretching!

- a. With the harness unplugged reroute it BETWEEN the strut and the new sway bar end link.



- b. Reattach the plastic clip that goes on the strut bracket
- c. Trace the sensor wire around the strut body to the remounted brake line, and follow the brake line up back to the chassis, securing it with supplied zip ties.
- d. **NOTICE: Leave enough slack from the strut to the chassis to allow for the strut assembly to spin when vehicle is turning or suspension is traveling, however also**

**make sure that the sensor wire is secured so as not to contact the sway bar links!**



- e. After each side is done, rotate the steering wheel carefully, stopping every quarter turn to check that routing has allowed for enough slack and good clearances on both sides.
  - f. Plug sensor wire back into sensor
- 24. Do a final check for all fasteners and connections
  - 25. Reinstall wheels and torque to factory specs
  - 26. With the vehicle on the ground cycle the steering wheel side to side and inspect suspension components, brake lines and tires to ensure there are not any clearance issues. Jounce the suspension to assure front suspension operates freely, brake lines retain proper slack at full extension and that they remain clear of springs or other obstructions.
  - 27. After 25 miles of driving re-torque the lug nuts
  - 28. After 500 miles of driving re-torque all of the hardware associated with the leveling spacer installation to factory specifications. Repeat torquing procedure as required.

## **REAR SUSPENSION**



1. Remove felt control arm covers from both sides of underbody (10mm socket)



2. Remove the two trailing arm bolts from their front pivot



3. Support lower control arm with floor jack



4. Remove lower shock bolt
5. Remove lower control arm where bolted to the spindle
6. Remove lower sway bar link pivots from the upright



7. Slowly lower floor jack until able to remove spring **CAUTION! SPRING IS UNDER COMPRESSION, CARE SHOULD BE TAKEN SO AS NOT TO HAVE THE SPRING COME LOOSE PREMATURELY AND CAUSE INJURY**



8. Remove upper rubber spacer and replace with the smaller included poly spacer lift spacer provided in kit



9. Reinstall spring being careful to clock the bottom pad and new top spacer so that the coil of the spring matches their grooves. Slowly lift lower control arm with floor jack until able to bolt shock back in
10. Continue lifting lower control arm and bolt spindle back onto lower control arm
11. Using the supplied M14 Bolts, M14 Washers, and steel spacers, reinstall the front pivot of the trailing arms with the spacers in BETWEEN the ARM MOUNT and the CHASSIS and torque to 116 ft-lbs



12. Reinstall sway bar end links and torque to factory specs
13. Do a final check of all bolts for tightness
14. Replace underbody covers
15. Reinstall wheels and torque to factory specs
16. With the vehicle on the ground cycle the steering wheel side to side and inspect suspension components, brake lines and tires to ensure there are not any clearance issues. Jounce the suspension to assure front suspension operates freely, brake lines retain proper slack at full

extension and that they remain clear of springs or other obstructions.

17. Install “**Warning**” decal on the vehicle’s sun visor or dash. The decal must be placed in a conspicuous location. Anyone that operates the vehicle must be made aware of the changes made.
18. After 25 miles of driving re-torque the lug nuts
19. After 500 miles of driving re-torque all of the hardware associated with the leveling spacer installation to factory specifications. Repeat torquing procedure as required.

### **Daystar® Lifetime GoEverywhere Limited Warranty**

Your Daystar® Comfort Ride or Budget Boost leveling kit is covered by the following ***Go Everywhere Lifetime Limited Warranty***.

**What is Covered? Real Life Use, Off Road & On:** Subject to the terms, exclusions and limitations herein, Daystar® warrants to the initial retail purchaser that your Comfort Ride™ or Budget Boost™ leveling kit shall be free of defects in material and workmanship for so long as it is properly installed on a single vehicle owned by the initial retail Daystar® purchaser.

**What is Not Covered? Your Vehicle & Parts Not Daystar’s GoEverywhere:**

Your Daystar **Limited Warranty** does not cover: (a.) damage to your vehicle, vehicle systems (ex. electronic stability control) other products, components or property not manufactured by Daystar to our exclusive *GoEverywhere* standards, (b.) customer choice of vehicle configuration/tire and wheel combinations contrary to Daystar® recommendations, warnings or applicable laws, (C.) Acts of God, weather, corrosion, accidents, theft, vandalism, negligent misuse or intentional damage, other exclusions under your OEM Limited Warranty.

**Remedy Limited to Repair/Replacement. Get back on your favorite trail fast.** The exclusive remedy provided hereunder shall, upon Daystar’s inspection and option, be either repair or replacement of the Comfort Ride™ or Budget Boost™ leveling kit or parts covered under this **Limited Warranty**. Call us and we will get you back wheelin’ (623/907-0081). All labor, removal, shipping and installation costs are customer’s responsibility.

**Other Exclusions –Limitation of Damages - Your Rights Under State Law. Stuff Lawyers Say.**

At Daystar® we aren’t big fans of lawyers, even ours. Still, he says our **Limited Warranty** has to include this stuff. In consideration of the purchase price paid, neither Daystar® nor any independent Daystar® distributor or repair person are responsible for any time loss, loss of vehicle use, rental costs, transportation, labor or for any incidental, consequential, punitive or other damages you may have or incur in connection with any part or product purchased. No Daystar® employee or independent distributor is authorized to make any statement or representation altering the terms of Daystar’s *GoEverywhere Lifetime Limited Warranty*. **Your exclusive remedy hereunder for covered parts is repair/replacement as described above.** This **Limited Warranty** gives you specific rights. You may also have other rights that vary from state to state. For example, some states do not allow limitations of how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or

consequential damages, so the limitations and exclusions herein may not apply to you.

All other warranties are hereby disclaimed, except to the extent prohibited by applicable law in which case any implied warranty of merchantability, fitness for a particular purpose or other implied warranty are limited to a period of four (4) years from date of initial retail purchase. Daystar® reserves the rights to: (a.) require invoice or other proof of purchase; (b.) make future revisions to these products and **Limited Warranty** without prior notice or obligation to upgrade your Daystar® product.

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