FORM#3571.08-01262021 PRINTED IN U.S.A. PAGE 1 OF 29



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# 2007-2018 GM 1500 PICKUP 4WD 2WD 8 Inch Lift Kit INSTALLATION INSTRUCTIONS



Engineered for Both 2WD & 4WD Models.

Fits: 2007-2018 Chevrolet Silverado 1500 4WD|2WD

2007-2018 GMC Sierra 1500 4WD 2WD

2019 Chevrolet Silverado LEGACY 1500 4WD 2WD

2019 GMC Sierra 1500 LIMITED 4WD 2WD

**NOTE:** NOT Engineered for the Hybrid eAssist Models.

**Does NOT fit Auto Ride or Auto Leveling Models** 

Does NOT Fit GMC Denali Models with MagneRide Control.

#### **CAUTION:** MAKE SURE YOU HAVE THE CORRECT LIFT FOR YOUR VEHICLE:

Double check the Year, Make, Model, Lift Height and KIT Part Numbers.

Prior to beginning the installation, OPEN the Boxes and CHECK the Included Components Compared to the Parts Breakdown. Check all parts and hardware in the box with the parts list below. Be sure you have all needed parts and know where they install.

IF you find a packaging error, contact SUPERLIFT directly. Do not contact the dealer where the system was originally purchased. You will need the control number from each box when calling; this number is located at the bottom of the part number label and to the right of the bar code.

FORM#3571.08-01262021 PRINTED IN U.S.A. PAGE 2 OF 29

#### **How to Read the Kit Breakdown Charts:**

The 'K KIT BREAKDOWN' lists the Part Numbers, Quantities & Part Description of the Boxes that are included in the K KIT. The 'KIT BREAKDOWN' lists Part Numbers, Quantities & Part Description of the Individual Components & Hardware Bags that are included in Each Box. The 'HARDWARE BREAKDOWN' lists the Part Numbers, Quantities & Part Description of the Individual Components.

| K Kit Breakdown            |                       |   |                            |                            |  |  |
|----------------------------|-----------------------|---|----------------------------|----------------------------|--|--|
| Kit Part Number K899 - 4WD |                       |   | Kit Part Number            | Kit Part Number K897 - 2WD |  |  |
| Component                  | Qty                   | Component Description   | Component                  | Qty                        | Component Description  |  |
| 3570                       | 1                     | Knuckles, AL/SS OE UCA  | 3570                       | 1                          | Knuckles, Cast ST OE UCA   |  |
| 3585-1                     | 1                     | Crossmember, Strut Spacer   | 3585-1                     | 1                          | Crossmember, Strut Spacer  |  |
| 3584                       | 1                     | Crossmember, Differential Drops, Axle Spacers   | 3582                       | 1                          | Rear Crossmember   |  |
| 3508                       | 1                     | Rear Blocks   | 3508                       | 1                          | Rear Blocks  |  |
| 84031                      | 1                     | Shocks  | 84031                      | 1                          | Shocks   |  |
| OR                         |                       |   | OR                         |                            |  |  |
| Kit Part Number            | K898 -                | 4WD   | Kit Part Number K894 - 2WD |                            | 2WD  |  |
| Component                  | Qty                   | Component Description   | Component                  | Qty                        | Component Description  |  |
|                            |                       |   | 00                         | αιγ                        | component bescription  |  |
| 3574                       | 1                     | Knuckles , Cast ST OE UCA   | 3574                       | 1                          | Knuckles , Cast ST OE UCA  |  |
| 3574<br>3585-1             | 1                     |   | <u>'</u>                   | 1 1                        |  |  |
|                            | 1<br>1<br>1           | Knuckles , Cast ST OE UCA   | 3574                       | 1<br>1<br>1                | Knuckles , Cast ST OE UCA  |  |
| 3585-1                     | 1<br>1<br>1           | Knuckles , Cast ST OE UCA<br>Crossmember, Strut Spacer  | 3574<br>3585-1             | 1<br>1<br>1<br>1           | Knuckles , Cast ST OE UCA<br>Crossmember, Strut Spacer                     |  |
| 3585-1<br>3584             | 1<br>1<br>1<br>1<br>1 | Knuckles , Cast ST OE UCA Crossmember, Strut Spacer Crossmember, Differential Drops, Axle Spacers | 3574<br>3585-1<br>3582     | 1<br>1<br>1<br>1<br>1      | Knuckles , Cast ST OE UCA<br>Crossmember, Strut Spacer<br>Rear Crossmember |  |

| Kit Box Breakdown |      |                                      |                 |                      |                                 |
|-------------------|------|--------------------------------------|-----------------|----------------------|---------------------------------|
| Kit Part Number   | 3570 |                                      | Kit Part Number | 3585-1               |                                 |
| Component         | Qty  | Component Description                | Component       | Qty                  | Component Description           |
| 66-01-3570        | 1    | Knuckle, DR Side 8" Chevy, AL OE LCA | 55-27-3570      | 1                    | Brkt, Front Crossmember         |
| 66-02-3570        | 1    | Knuckle, PA Side 8" Chevy, AL OE LCA | 55-07-3500      | 1                    | Brkt, Sway Bar Drop Driver      |
| 77-3491           | 1    | Hardware Bag                         | 55-08-3500      | 1                    | Brkt, Sway Bar Drop Passenger   |
| 77-3570           | 1    | Hardware Bag                         | 55-20-3570      | 2                    | Brkt, Strut Spacer              |
|                   |      | OR                                   | 77-3486         | 1                    | Hardware Bag                    |
| Kit Part Number   | 3574 |                                      | 77-3488A        | 1                    | Hardware Bag                    |
| Component         | Qty  | Component Description                | 77-3500         | 1                    | Hardware Bag                    |
| 66-51-3570        | 1    | Knuckle, DR Side 8" Chevy, MS OE LCA | 77-80033        | 1                    | Shock Hardware Bag              |
| 66-52-3570        | 1    | Knuckle, PA Side 8" Chevy, MS OE LCA |                 |                      |                                 |
| 77-3491           | 1    | Hardware Bag                         | Kit Part Number | Kit Part Number 3508 |                                 |
| 77-3570           | 1    | Hardware Bag                         | Component       | Qty                  | Component Description           |
| 77-3511           | 1    | Hardware Bag                         | 55-01-201       | 2                    | Rear Lift Block 8"              |
|                   |      |                                      | 10552           | 4                    | U-Bolt, 9/16" X 2-1/2" X 16" Sq |
| Kit Part Number   | 3584 |                                      | 77-1509         | 1                    | 9/16" Hi-Nut & Flat Washer Kit  |
| Component         | Qty  | Component Description                | 77-1707         | 1                    | 7/16" Ubolt and Hardware Bag    |
| 55-13-3570        | 1    | Brkt, Differential Drop - DR Side    |                 |                      |                                 |
| 55-14-3570        | 1    | Brkt, Differential Drop - PA Side    | Kit Part Number | 3582                 |                                 |
| 55-28-3570        | 1    | Brkt, Rear Crossmember               | Component       | Qty                  | Component Description           |
| 55-29-3570        | 1    | Brkt, Belly Pan - 4wd                | 55-16-3570      | 1                    | Brkt, Rear Crossmember          |
| 66-15-3330        | 2    | Mach, Axle Spacer                    | 77-3500-2       | 1                    | Hardware Bag                    |
| 77-3500-2         | 1    | Hardware Bag                         |                 |                      |                                 |
| 77-3584           | 1    | Hardware Bag                         | Kit Part Number | 84031                |                                 |
|                   |      |                                      | Component       | Qty                  | Component Description           |
|                   | •    |                                      | 01-85160        | 2                    | Shock Cylinder                  |
|                   |      |                                      |                 |                      |                                 |

FORM#3571.08-01262021 PRINTED IN U.S.A. PAGE 3 OF 29

|                 |        | Hardware Bag                                  | breakuown       |        |   |
|-----------------|--------|---|-----------------|--------|---|
| Kit Part Number | 77-150 | 9   | Kit Part Number | 77-350 | 0                                       |
| Component       | Qty    | Component Description                         | Component       | Qty    | Component Description                   |
| 1509            | 8      | HI-Nut, 9/16" Fine                            | 13-3500         | 1      | 3/16" ID X 3/8" OD Tubing 8" Long, tube |
| 1559            | 8      | 9/16" U-Bolt Flat washer                      | 16MDN           | 1      | 16mm x 1.5 Hex Die Nut                  |
|                 |        |   | 716F8SFN        | 6      | Flange Nut, 7/16" Fine                  |
| Kit Part Number | 77-348 | 6   |                 |        |   |
| Component       | Qty    | Component Description                         | Kit Part Number | 77-350 | 0-2                                     |
| 14C5NN          | 2      | Nyloc Nut, 1/4" Coarse                        | Component       | Qty    | Component Description                   |
| 14X1C5CS        | 2      | Bolt, 1/4" X 3/4" Coarse                      | 58C8SN          | 2      | Stover Nut, 5/8" Coarse                 |
| 38X1C5CS        | 2      | 3/8" x 1" Bolt, Coarse Thread                 | 58SW            | 4      | Flat Washer, 5/8" SAE                   |
| 38SW            | 4      | 3/8" SAE Washer                               | 58X512C5CS      | 2      | Bolt, 5/8" X 5-1/2" Coarse              |
| 38C5NN          | 2      | 3/8" Nyloc Nut                                |                 |        |   |
| 55-09-3492      | 2      | Brkt, Frt Brake line Dr                       | Kit Part Number | 77-351 | 1                                       |
|                 |        |   | Component       | Qty    | Component Description                   |
| Kit Part Number | 77-348 | 8A  | 3492TS          | 2      | Tapered Sleeve                          |
| Component       | Qty    | Component Description                         | Kit Part Number | 77-357 | 0                                       |
| 10MFW           | 8      | Washer, 10mm Flat                             | Component       | Qty    | Component Description                   |
| 10MNN           | 4      | Nyloc Nut, 10mm X 1.5                         | 14MX2.0X50FB    | 2      | 14mm x 2.0 x 50mm flange head bolt      |
| 10MX1.5X25CS    | 4      | Bolt, 10mm X 1.5 X 25mm                       | 12-3492         | 2      | Sway Bar Link                           |
| 1112CT          | 2      | Cable Tie, 11-1/2" Black                      | 38X12C5CS       | 2      | Bolt, 3/8" x 12" Coarse                 |
| 58C8SN          | 2      | Stover Nut, 5/8" Coarse                       | 145098          | 3      | Bushing and Washer Pack                 |
| 58SW            | 4      | Flat Washer, 5/8" SAE                         |                 |        |   |
| 58X412C5CS      | 2      | Bolt, 5/8" X 4-1/2" Coarse                    | Kit Part Number | 77-358 | 4                                       |
|                 |        |   | Component       | Qty    | Component Description                   |
| Kit Part Number | 77-349 | 1   | 10MFW           | 12     | Washer, 10mm Flat                       |
| Component       | Qty    | Component Description                         | 10MX1.5X70CS    | 12     | Bolt, 10mm X 1.5 X 70mm                 |
| 516X1STB        | 2      | Bolt, 5/16" X 1" Self Tapping                 | 12C8SN          | 2      | Stover Nut, 1/2" Coarse                 |
| F470L           | 1      | Thread Locker #27105                          | 12MLW           | 2      | Lock Washer, 12mm                       |
| 14MX2.0X50FB    | 4      | Bolt, 14mm x 2.0 x 50mm Flange Head           | 12MX1.75X30CS   | 2      | Bolt,12mm X 1.75 X 30mm                 |
|                 |        |   | 12SW            | 4      | Flat Washer, 1/2" SAE                   |
| Kit Part Number | 77-150 | 7   | 12X134C5CS      | 2      | Bolt,1/2" X 1-3/4" Coarse               |
| Component       | Qty    | Component Description                         | 16-9690         | 1      | 3/16" ID X 3/8" OD Tubing 4" Long, tube |
| 716X314X412UB   | 4      | 7/16" x 3-1/4" x 4-1/2" U-Bolt, Square Bend   | 17-9690         | 1      | 3/16" Vacuum Connector                  |
| 716F8SFN        | 8      | 7/16" Flange Nut, Fine Thread                 | 58C8SN          | 2      | Stover Nut, 5/8" Coarse                 |
|                 |        |   | 58X134C5CS      | 1      | Bolt, 5/8" x 1-3/4" Coarse              |
| Kit Part Number | 77-800 | 33  | 58X212C5CB      | 1      | Bolt, 5/8" x 2-1/2" Carriage, Coarse    |
| Component       | Qty    | Component Description                         | 58SW            | 4      | Flat Washer, 5/8" SAE                   |
| 01-60418        | 4      | Poly Bush, 3/4" X 1.44" Sm. Hourglass Eye     | 1555            | 2      | 5/8" U-Bolt Flat washer                 |
| 34SW            | 4      | Washer, 3/4" Flat SAE                         | 38X1C5CS        | 4      | Bolt, 3/8" X 1" Coarse                  |
| 39-3480         | 4      | Shock Sleeve, 0.750" OD x 0.563" ID x 1.68" L | 38SW            | 8      | Flat Washer, 3/8" SAE                   |
|                 |        |   | 38C5FN          | 4      | Flange Nut, 3/8" Coarse                 |
|                 |        |   |                 |        | <u> </u>                                |

FORM#3571.08-01262021 PRINTED IN U.S.A. PAGE 4 OF 29

#### INTRODUCTION BEFORE INSTALLATION...

Installation requires a professional mechanic. In addition to these instructions, professional knowledge of disassembly / reassembly procedures and post installation checks must be known.

PRIOR to beginning, inspect the vehicles steering, driveline, and brake systems, paying close attention to the suspension link arms and bushings, sway bars and bushings, tie rod ends, pitman arm, idler arm, ball joints and wheel bearings. Also check the steering sector-to-frame and all suspension-to-frame attaching points for stress cracks. The overall vehicle must be in excellent working condition; repair or replace all worn parts. Read instructions several times before starting.

Read each step completely as you go.

#### Be sure you have all needed parts and know where they install.

#### **⚠ NOTES:**

- Do NOT install this suspension system in conjunction with any other type of aftermarket or fabricated components to gain additional suspension height.
- Do not fabricate any components to gain additional suspension height.
- Prior to drilling or cutting, check behind the surface being worked on for any wires, lines, or hoses that could be damaged. Prep all cutting surfaces by removing all debris and frame coatings.
- After drilling, file smooth any burrs and sharp edges.
- Prior to operating a torch or saw, protect any heat-sensitive components located in the immediate area by covering them with a water-saturated cloth. Most undercoating are flammable but can be extinguished using a water-filled spray bottle. Have a spray bottle and an ABC rated fire extinguisher on hand.
- Paint or undercoat all exposed metal surfaces.
- Prior to attaching components, be sure all mating surfaces are free of grit, grime, grease, undercoating, etc.
- Front end alignment is necessary.
- Tool and Wrench/Socket size is given in brackets { } after each appropriate step.
- A foot-pound torque reading is given in parenthesis ( ) after each appropriate fastener.
- Always wear safety glasses when using power tools.
- A factory service manual should be on hand for reference.

#### **BEFORE YOU DRIVE...**

Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering components for clearance.

Test and inspect brake system. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/replacement may result in component failure.

Perform head light check and adjustment.

**MARNING:** It is the ultimate buyer's responsibility to have all bolts / nuts checked for tightness after the first 100 miles and then every 1000 miles. The steering, suspension and driveline systems, plus wheel alignment should be inspected by a qualified professional mechanic at least every 3000 miles.

#### **TECH TIP / TIME SAVER...**

• Some minor trimming will be required with certain wheel/ tire combination. This is normal with most aftermarket tire/wheel fitments on GM trucks. Trimming will normally include the bottom edge of the inner fender shrouds and/or lower corner of front bumper valance. As a rule of thumb, deeper backspacing and shorter/ narrower tires will reduce/eliminate trimming required.

FORM#3571.08-01262021 PRINTED IN U.S.A. PAGE 5 OF 29

#### **TIRES & WHEELS...**

Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.

NOTE: Stock \ Factory 17", 18", & 20" Wheels on 2007-2018 Models Will NOT Fit back on the vehicle once this suspension system is installed. Requires 20" or larger Diameter Wheels.

Recommended 20" wheel dimensions are 9.0" - 10" wide with 4.50" - 5.00" Backspacing.

Recommended tire for aftermarket 20" wheels is a 35.00" x 12.50"

**MARNING:** ANY larger or wider tire & wheel combination other than listed Will Require Vehicle Trimming.

\* Some Minor Trimming Maybe Required.

**NOTE:** ALL Tire & Wheel Combinations Should Be Test Fit Prior to Installation.

**IMPORTANT DISCLAIMER:** The provided tire/wheel fitments are approximate. Actual dimensions of a given tire size

can vary considerably from one brand to another. Manufacturers' wheel offset and backspacing measurement points are not always consistent. Backspacing greatly impacts tire-to-fender clearance when turning. Wheel width and backspacing influence whether the tires protrude past the fenders, and to what extent. Considering these important factors, we recommend that you fit-check your tire/ wheel selection prior to purchasing.

| TIRE SIZE SPECIFICATIONS |             |               |                    |  |  |
|--------------------------|-------------|---------------|--------------------|--|--|
| Tire Size                | Offset (MM) |               |                    |  |  |
| 315/60 R20               | 20x9        | 4.50" - 5.00" | [-12mm] to [0mm]   |  |  |
| 315/60 R20               | 20x10       | 4.50" - 5.00" | [-12mm] to [-24mm] |  |  |
| 35x12.50 R20             | 20x9        | 4.50" - 5.00" | [-12mm] to [0mm]   |  |  |
| 35x12.50 R20             | 20x10       | 4.50" - 5.00" | [-12mm] to [-24mm] |  |  |
| 325/50 R22               | 22x9        | 4.50" - 5.00" | [-12mm] to [0mm]   |  |  |
| 325/50 R22               | 22x10       | 4.50" - 5.00" | [-12mm] to [-24mm] |  |  |
| 35x12.50 R22             | 22x9        | 4.50" - 5.00" | [-12mm] to [0mm]   |  |  |
| 35x12.50 R22             | 22x10       | 4.50" - 5.00" | [-12mm] to [-24mm] |  |  |

#### **TOOLS & TECH...**

This is a list of tools needed to install this lift kit. Double check the list to make sure that you have all the tools and equipment required to accomplish the complete install.

We have also included a **Tech Tip** noted by this icon **TECH TIP** to help if we have found a quicker or easier way to accomplish a task in the steps.

| Tools                       |                  |                       |      |           |  |
|-----------------------------|------------------|-----------------------|------|-----------|--|
| Miscellan                   | eous Tools       | Wrenches/Socket Sizes |      |           |  |
| Floor Jack                  | Jack Stands      | Standard              | Me   | tric      |  |
| Hammer                      | Vice Grips       | 1/2"                  | 8mm  | 21mm      |  |
| Drill                       | File             | 9/16"                 | 10mm | 22mm      |  |
| 9/32" Drill Bit Screwdriver |                  | 7/8"                  | 11mm | 24mm      |  |
| Adjustable Plie             | rs               |                       | 13mm | 35mm      |  |
| Plastic Fastern             | Removal Tool     | 5/16" Allen           | 15mm |           |  |
| Die Grinder wit             | th Cut-Off Wheel |                       | 17mm | 5mm Allen |  |
| Torque Wrench               | 1                |                       | 18mm | T30 Torx  |  |

FORM#3571.08-01262021 PRINTED IN U.S.A. PAGE 6 OF 29

| Step | Component  | Qty.     | Component Description                       | Qty. | New Attaching Hardware   | Hardware Bag<br>Number |
|------|------------|----------|---|------|--|------------------------|
| 19   | 55-14-3570 | 1        | Bracket, Differential Drop - PA Side - 4W D | 1    | 3/16" ID X 3/8" OD Tubing 4" Long, Vacuum  | 77-3584                |
|      |            |          |   | 1    | 3/16" Vacuum Connector   |                        |
|      |            |          |   | 1    | Bolt, 5/8" x 1-3/4" C oarse  |                        |
|      |            |          |   | 1    | Bolt, 5/8" x 2-1/2" C arriage, C oarse   |                        |
|      |            |          |   | 2    | 5/8" U-Bolt Flat was her<br>Nyloc Nut, 5/8" C oarse  |                        |
| 20   | 55-13-3570 | 1        | Bracket, Differential Drop - DR Side - 4WD  | 2    | Bolt, 1/2" X 1-3/4" Coarse   | 77-3584                |
|      |            |          | •   | 2    | Bolt, 12mm X 1.75 X 30mm   |                        |
|      |            |          |   | 2    | Flat W as her, 1/2" S A E  |                        |
|      |            |          |   | 2    | Lock Washer, 12mm<br>Stover Nut, 1/2" Coarse   |                        |
| 22   | 55-27-3570 | 1        | Bracket, Front Crossmember                  | 2    | Bolt, 5/8" X 4-1/2" Coarse   | 77-3488A               |
|      |            |          |   | 4    | Flat W as her, 5/8" S A E  |                        |
|      |            |          |   | 2    | S tover Nut, 5/8" C oarse  |                        |
| 23   | 55-28-3570 | 1        | Bracket, Rear Crossmember                   | 2    | Bolt, 5/8" X 5-1/2" Coarse   | 77-3500-2              |
|      |            |          |   |      | Flat W asher, 5/8" S A E   |                        |
|      |            |          |   | 2    | S tover Nut, 5/8" C oarse  |                        |
| 26   | 55-29-3570 | 1        | Bracket, Belly Pan - 4W D                   | 4    | Bolt, 3/8" X 1" Coarse   | 77-3584                |
|      |            |          |   | 8    | Flat Washer, 3/8" SAE  |                        |
|      |            |          |   | 4    | Flange Nut, 3/8" Coarse  |                        |
| 28   | 55-20-3570 | 2        | Front S trut S pacer for 8" kit             | 3    | Flange Nut, 7/16" Fine   | 77-3500                |
| 29   | 66-15-3330 | 2        | Mach, Axle S pacer                          | 6    | Bolt, 10mm X 1.5 X 70mm  | 77-3584                |
|      |            |          |   | 6    | Washer, 10mm Flat  |                        |
| 30   | 66-01-3570 | 1        | Knuckle, DR Side 8" Chevy, AL OE LCA        | 1    | Bolt, 5/16" X 1" Self Tapping  | 77-3491                |
|      | OR         |          |   | _    | Thread Locker #27105   |                        |
|      | 66-51-3570 | 1        | Knuckle, DR Side 8" Chevy, MS OE LCA        | 2    | Bolt, 14mm x 2.0 x 50mm Flange Head  | 77-3570                |
|      |            |          |   | 1    | Tapered S leeve  | 77-3511                |
| 30   | 66-02-3570 | 1        | Knuckle, PA Side 8" Chevy, AL OE LCA        | 1    | Bolt, 5/16" X 1" Self Tapping  | 77-3491                |
|      | OR         |          |   | _    | Thread Locker #27105   |                        |
|      | 66-52-3570 | 1        | Knuckle, PA Side 8" Chevy, MS OE LCA        | 1    | Bolt, 14mm x 2.0 x 50mm Flange Head<br>Tapered Sleeve                                      | 77-3570<br>77-3511     |
| 22   | FF 00 3403 |          | Durachast Est Durcha Kara                   | 1    | 3/8" x 1" Bolt Coarse Thread   |                        |
| 33   | 55-09-3492 | 2        | Bracket, Frt Brake line                     | 2    | 3/8" SAE Washer  | 77-3486                |
|      |            |          |   | 1    | 3/8" Nvloc Nut   |                        |
|      |            |          |   |      | 1/4" x 1" Bolt, Coarse Thread  |                        |
|      |            |          |   |      | 1/4" S A E Washer  |                        |
|      |            |          |   |      | 1/4" Nyloc Nut   |                        |
| 39   | 55-07-3500 | 1        | Bracket, Sway Bar Drop Driver               | 2    | Bolt, 10mm X 1.5 X 25mm  | 77-3488A               |
|      |            |          |   | 2    | Nyloc Nut, 10mm X 1.5  |                        |
|      |            |          |   | 4    | Washer, 10mm Flat  |                        |
| 39   | 55-08-3500 | 1        | Bracket, Sway Bar Drop Passenger            | 2    | Bolt, 10mm X 1.5 X 25mm  | 77-3488A               |
|      |            |          |   | 4    | Nyloc Nut, 10mm X 1.5<br>Washer, 10mm Flat   |                        |
| 39   | 12-3492    | 2        | S way Bar Link                              | 1    | 3/8" x 12" Bolt, Coarse Thread   | 77-3570                |
| J7   | 14-3474    |          | J way bai Lilik                             | 2    | 145098 Washer Bag  | 77-3370                |
| 49   | 55-01-201  | 2        | R ear Lift Block 8"                         | 2    | U-Bolt, 9/16" X 2-1/2" X 16" S q   |                        |
|      |            |          |   | 4    | HI-Nut, 9/16" Fine   | 77-1509                |
|      |            |          |   |      | 9/16" U-Bolt Flat washer   |                        |
|      |            |          |   | 4    | 7/16" x 3-1/4" x 4-1/2" U-Bolt, S quare Bend<br>7/16" Flange Nut, Fine Thread              | 77-1507                |
|      | L          | <u> </u> |   | •    | •  | 1                      |
| E0   | 01-05160   | •        | Shock Cylindor                              | -    | Daly Buch 3/4" V 1 //4" Cm Hauselage Essa  | 77_00022               |
| 50   | 01-85160   | 2        | S hock C ylinder                            | 2    | Poly Bush, 3/4" X 1.44" Sm. Hourglass Eye<br>Shock Sleeve, 0.750" OD x 0.563" ID x 1.68" L | 77-80033               |

**NOTE:** Use the check-off box  $\square$  found at each step to help you keep your place. Two  $\square$  denotes that one check-off box is for the Driver Side (Left) and one is for the Passenger Side (Right). Unless otherwise noted, always start with the Driver Side.

Illustration 1

#### FRONT DISASSEMBLY

**NOTE:** Save ALL factory components and hardware for reuse, unless noted.

#### 1) PREPARE VEHICLE FOR FRONT...

- □□ Chock rear tires and place transmission in neutral. Raise front of vehicle with a jack and secure a jack stand beneath each frame rail. Ease the frame down onto the stands and place transmission in park. Remove front tires. {Lug Nuts 22mm}
- ☐ Disconnect the battery.
- ☐ [Illustration 1] Remove any factory skid plates or belly pans that block access to front suspension components. {10mm, 15mm}

#### 2) SWAY BAR BODY AND LINKS...

- [Illustration 2] On each side, loosen and remove the bushings and hardware attaching the sway bar link to the lower control arm and the sway bar body. {15mm}
- [Illustration 3] Note the orientation of the sway bar for reference during reassembly. Remove the bolts securing the sway bar to the frame and remove the bar. {10mm}

#### **Illustration 2**



#### **Illustration 3**



## **NOTE:** Perform Steps 3 -12 One Side at a Time.

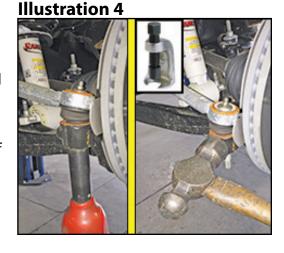
#### 3) STEERING TIE ROD END...

[Illustration 4] Remove the tie rod retaining nut. [21mm] Reinstall the nut a couple of turns by hand.

Use a Tie Rod Puller to separate the tie rod from the knuckle.

TECH TIP If you do not have a puller, you can use the method of striking the knuckle near the ball joint end to dislodge the knuckle. Strike the knuckle portion only.

Remove the tie rod nut and save for re-install. Push the linkage forward until out of the way.



#### 4) BRAKE LINE BRACKET AND ABS SENOR WIRE...

[Illustration 5] Unclip the ABS lines from the brake line bracket on the upper control arm. {plastic fastener removal tool}

[Illustration 6] Unclip the ABS lines from the brake line bracket located on the frame. {plastic fastener removal tool}

Illustration 7] Locate the brake line bracket on the steering knuckle and remove. {10mm}

Illustration 8] Unbolt the brake line bracket from the upper control arm. {10mm}

TECH TIP When you remove a factory nut or bolt, like the brake line & ABS bracket bolts, put it back into the factory spot for safe keeping. You will not have to look or sort through removed hardware to find the proper nut. Same with upper and lower ball joint nuts, etc.

#### **Illustration 5**

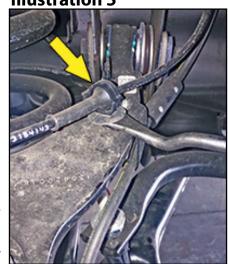
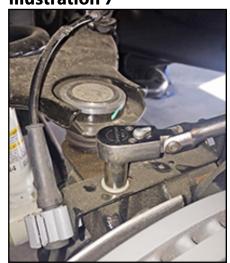


Illustration 6



Illustration 7



**Illustration 8** 

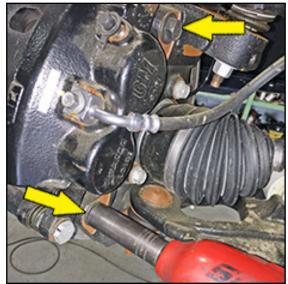


#### 5) BRAKE CALIPER...

[Illustration 9] Unbolt the brake Caliper and remove from the rotor and secure it away from the work area. NOTE: Do not let calipers hang from brake lines. {18mm}

 $\Box\Box$  [Illustration 10] Remove the torx bolt retaining the rotor to the hub assembly, remove the brake rotor, and set it aside. {T30}

**Illustration 9** 



**Illustration 10** 



FORM#3571.08-01262021 PRINTED IN U.S.A. **PAGE 9 OF 29** 

#### 6) ABS SENSOR...

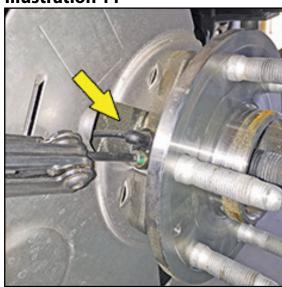
[Illustration 11] Unbolt and remove the ABS sensor from the hub assembly. {5mm allen}

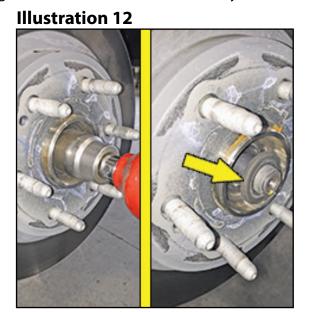
#### 7) CV AXLE SHAFT NUT...

NOTE: 2WD systems, Proceed to the Next Step.

[Illustration 12] Remove the nut and washer securing the axle shaft to the hub assembly. {35mm}

#### Illustration 11

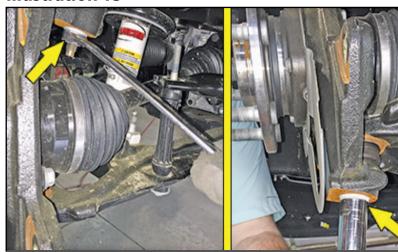


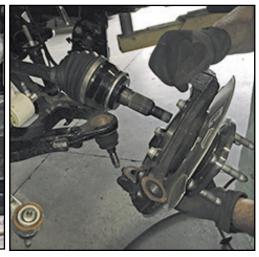


#### 8) KNUCKLE...

[Illustrations 13 & 14] Remove the nuts from the upper and lower ball joints, then using the appropriate puller tool, disconnect the ball joints from the knuckle. If you do not have a puller tool you can use a hammer by very carefully striking the ball joint boss' of the knuckle; do not strike the ball joints. Remove knuckle from vehicle. {upper ball joint 18mm, lower ball joint 24mm}

#### Illustration 13





#### 9) LOWER CONTROL ARM...

[Illustration 15] Loosen but do not remove the four lower control arm bolts (2 per side). {bolt 18mm, nut 24mm}

#### 10) STRUT REMOVAL...

[Illustration 16] Remove the two bolts securing the strut to the lower control arm; allow the lower control arm to hang, while you move to the upper strut mount. {15mm}

[Illustration 17] Unclip the wire clips located on the top of the studs. {plastic fastener removal tool}

[Illustration 18] Remove three nuts securing the strut to the frame then remove the strut. {18mm}

#### **Illustration 15**



**Illustration 16** 



**Illustration 17** 



Illustration 18



11) AXLE SHAFT...

NOTE: 2WD systems, Proceed to the Next Step.

[Illustration 19 & 20] Mark the location of the CV axle shafts (driver and passenger side) for later reference during reassembly. Remove the 6 bolts that attach the axle shaft to the CV flange on the differential. Remove the axle shaft from the vehicle and set aside.

**Illustration 19** 



**Illustration 20** 



#### 12) LOWER CONTROL ARM...

[Illustration 21] Remove the lower control arm's bolts then remove the lower control arm.

#### Repeat Steps 3-12 on the Passenger Side.

#### 13) REAR CROSSMEMBER...

[Illustration 22] Remove the rear crossmember from the frame and discard. {18mm}

#### 14) DRIVESHAFT...

**NOTE:** 2WD systems, Proceed to the Step 18.

[Illustration 23] Mark the orientation of the driveshaft for reference during reassembly. Remove the four bolts securing the driveshaft. Secure the driveshaft up and out of the way. {11mm}

#### **Illustration 23**



#### **Illustration 21**



**Illustration 22** 



#### 15) RACK AND PINION STEERING...

NOTE: 2007-2013 Vehicles, Proceed to Step 16.

[Illustration 24] Mark the orientation of the steering shaft and pinion shaft for later reference during reassembly.

[Illustration 25 & 26] Remove the bolt securing the steering shaft to the pinion shaft, then remove the steering shaft from the pinion shaft. {11mm}

**Illustration 24** 



Illustration 25



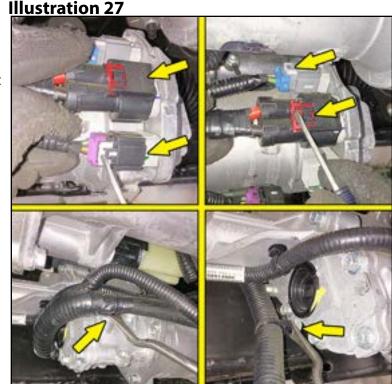
Illustration 26



[Illustration 27] With the battery disconnected, carefully unplug the bottom two plugs from the rack and pinion.

CAUTION: These plugs are "locked" with plastic clips that must be moved to an "unlocked" position before removal. The wire loom is connected to the differential in several places, make sure these are un-clipped before removal of differential. {plastic fastener removal tool}

☐ [Illustration 28] Support the rack and pinion with a jack. Remove the four bolts securing the rack and pinion to the frame, then carefully remove the rack and pinion from the vehicle. {driver side 24mm, passenger side 18mm}



#### **Illustration 28**



#### **Illustration 29**

#### 16) DIFFERENTIAL REMOVAL...

- [Illustration 29] Remove the electrical plug, wire loom, and vent hose from the differential.
- ☐ Support the differential housing with a jack.



31] Remove the two differential mounting bolts on the driver side, followed by the two nuts on the passenger side. Carefully lower the differential housing to the floor. {driver side 18mm, passenger side

21mm}

#### **Illustration 30**



#### **Illustration 31**



#### 17) TRIMMING THE FRAME...

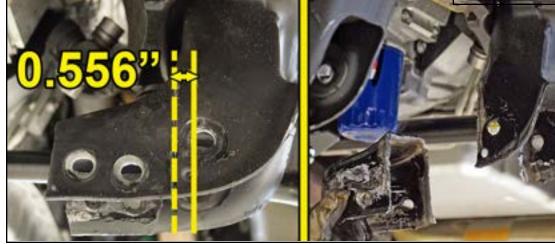
[Illustration 32] On each side, trim the inside corners of the factory front lower control arm pockets enough to facilitate installing the (55-05-3492) front crossmember. It is only necessary to square off the radius present in the pockets. Test fit the "05" crossmember and trim accordingly.

[Illustration 33] On the driver side lower control arm mount, measure over 0.556" from the edge of the lower control arm mount hole and mark. Mark the cut line all the way around the mount. Using a torch, plasma cutter, or similar tool, trim the driver side lower control arm bracket.

**Illustration 32** 







[Illustration 34] On both the Driver and Passenger side, trim the front lip of the rear lower control arm mount.

#### Illustration 34

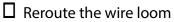


#### FRONT ASSEMBLY

**NOTE:** For 2WD systems, Proceed to Step 24.

# 18) RACK AND PINION STEERING...

Illustration 35] Apply thread locker to the factory bolts and carefully reattach the rack and pinion to the frame reusing the four bolts; tighten. (Driver Side -162) (Passenger Side -74) {Driver Side 24mm, Passenger Side 18mm}



to the original locations and reattach to the connectors on the differential. Make sure to "lock" the clips.

[Illustration 36] Realign the marks on the steering shaft and pinion shaft and attach using the factory hardware; tighten. (26) {11mm}





Illustration 36



Illustration 37

#### 19) PASSENGER SIDE DIFFERENTIAL BRACKET...

☐ [Illustration 37] Looking at the passenger side differential bracket (55-14-3570) the "tall" end of the taper should be positioned forward (toward the front bumper), while the "short" end of the taper should be positioned rearward (toward the rear bumper). Attach the bracket to the factory Passenger side differential mount using the factory hardware.

Do not tighten at this time. {21mm}

#### 20) DRIVER SIDE DIFFERENTIAL BRACKET...

☐ [Illustration 38] Note that the Driver side differential bracket (55-13-3570) has a taper in it as well; position the bracket so that the tall end of the taper faces forward (to match the taper of the Passenger side bracket). Also note there is a notch in the center of the bracket that accommodates a tab in the center of the factory differential mount. Attach the bracket to the factory mount using the factory bolts. Do not tighten at this time. {18mm}

#### 21) DIFFERENTIAL INSTALL...

[Illustration 39] Using a jack, raise the differential into position and line up the mounting holes with the new differential drop bracket. Attach the differential on the driver side using the supplied  $1/2^{\prime\prime} \times 1-3/4^{\prime\prime}$ bolts, washers, and nuts. Do not tighten at this time. {3/4"}

[Illustration 40 & 41] Note that the differential will fit inside of the 55-14-3570 bracket on the front side. Attach the Passenger side of the differential to the new differential bracket using the supplied 5/8" x 2-1/2" carriage bolt in the front hole and 5/8" x 1-3/4" bolt in the rear. Make sure to install the washer between the 55-14-3570 bracket and the bottom side of the front mounting hole on the differential as shown. Secure with the supplied nyloc nuts. Do not tighten at this time. {15/16"}

Illustration 40





Illustration 39



#### EORM#3571.08-01262021

☐ [Illustration 42]
Reconnect the differential wiring. Attach the supplied vent hose extension to the factory vent hose and reconnect

[Illustration 42a] Mark and trim the differential as shown to allow clearance for the belly pan.

# 22) FRONT CROSSMEMBER...

it to the differential.

[Illustration 43] Attach the front crossmember (55-27-3570) to the lower

control arm frame mounts using the supplied 5/8" x 4-1/2" bolts, washers, and nyloc nuts. The bolts should be installed from the front. Note that the crossmember should be positioned so that the mounting tab for the differential skid plate points rearward. Do not tighten at this time. {15/16"}

## 23) REAR CROSSMEMBER...

[Illustration 44] Install the rear

crossmember (55-28-3570) to the lower control arm mounts, making sure the rear differential bracket is installed correctly into the tabs on the rear crossmember. Secure to the frame using the supplied  $5/8" \times 5-1/2"$  bolts, washers, and nyloc nuts. The bolts should be installed from the front. Do not tighten at this time. {15/16"}

#### 24) LOWER CONTROL ARMS...

[Illustration 45] Attach the lower control arm to the front and rear crossmembers using the factory hardware. The bolts should be installed from the front. Snug, but do not tighten the hardware at this time. {bolt 18mm, nut 24mm}

#### Illustration 43



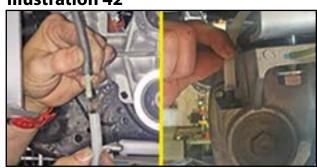
## Illustration 44

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**Illustration 41** 



#### Illustration 42

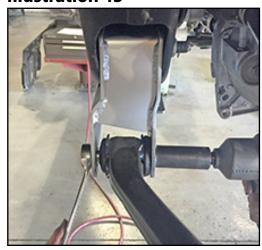


**PAGE 16 OF 29** 

**Illustration 42a** 



Illustration 45



FORM#3571.08-01262021 PRINTED IN U.S.A. PAGE 17 OF 29

#### 25) TIGHTEN THESE FASTENERS...

Tighten the following hardware in this order. Refer back to the illustrations listed if needed.

- ☐ [Illustration 38] Factory bolts on Driver side frame to differential bracket (87) {18mm}
- ☐ [Illustration 37] Factory nuts on the Passenger side frame to differential bracket (75) {21mm}
- ☐ [Illustration 39] 1/2" hardware Driver side differential to differential bracket (76) {3/4"}
- ☐ [Illustration 40-41] 5/8" hardware Passenger side differential to differential bracket (150) {15/16"}
- [Illustration 43] 5/8" hardware front crossmember to frame. (150) {15/16"}
- [Illustration 44] 5/8" hardware rear crossmember to frame. (150) {15/16"}

#### **26) BELLY PAN...**

#### **NOTE:** 2WD systems, Proceed to the Step 28.

 $\square$  [Illustration 46] Attach the belly pan (#55-29-3570) to the mounting tabs on the front and rear crossmembers using the supplied 3/8" x 1" bolts, washers (at head and nut), and flange nuts. Tighten (30).

#### Illustration 46



#### 27) DRIVESHAFT...

#### **NOTE:** 2WD systems, Proceed to the Step 28.

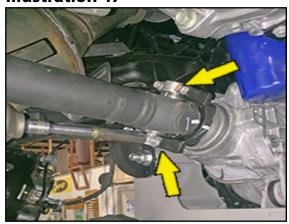
[Illustration 47] Apply thread locker to the factory hardware, then line up the front driveshaft with the differential yoke according to the marks made during removal and secure using the factory hardware. Tighten (19) {11mm}

ANOTE: IF Installing KING Coilovers by SUPERLIFT; Install using separate instructions included in the KING Kit Box, then move to Step 30.

#### 28) STRUT SPACER...

[Illustration 48] Attach the new strut spacer (55-20-3570), with the notches facing the outside of the vehicle, to the top of the strut assembly using the factory hardware and tighten the factory nuts. (37) {18mm}

#### Illustration 47





| FORM#3571.08-01262021                        | PRINTED IN U.S.A.                         | PAGE 18 OF 29   |
|--|---|---|
| assembly into the frame mo                   | ount properly. Secure the upper end of t  | ntrol arm and locate the upper end of the he assembly using the supplied 10mm |
| flange nuts. Do not tighten                  | at this time. {15mm}                      |   |
| [Illustration 50] Attachtighten. (37) {15mm} | n the lower end of the strut to the lower | control arm using the factory hardware and                                    |
| □□ [Illustration 51] Tighte                  | en the top strut 10mm nuts. (37) {15mm}   |   |
| Illustration 49                              | Illustration 50                           | Illustration 51   |







29) AXLE SHAFT SPACER...

**NOTE:** 2WD systems, Proceed to the Next Step.

 $\Box\Box$  [Illustration 52 & 53] Position an axle shaft spacer (66-15-3330) between the flange on the axle shaft and the flange on the differential and secure using the supplied 10mm x 70mm bolts and flat washers. Put thread locker on the bolts before installing. Tighten (58) {17mm}







#### 30) KNUCKLE ASSEMBLY...

#### NOTE: Perform these Steps on One Knuckle at a Time.

[Illustration 54] Note the orientation of the dust shield and wheel bearing assembly prior to removal. Remove the three bolts securing the wheel bearing assembly to the factory knuckle.

[Illustration 55 & 56] Install the new knuckle (66-01-3570 or 66-41-3570 driver side; 66-02-3570 or 66-42-3570 passenger side) onto the factory bearing assembly and dust shield using the factory hardware. Be sure the orientation of the dust shield and bearing assembly matches original. Use the supplied thread locker on the three factory fasteners. Tighten (151) {15mm}

Illustration 54



Illustration 55



Illustration 56



#### 31) KNUCKLE INSTALLATION...

[Illustration 57] Install the knuckle assembly on the lower ball joint while sliding the CV shaft into the new knuckle. Connect the upper ball joint to the knuckle and secure using the factory nuts. Tighten the lower nut (94) and the upper nut (37) {upper ball joint 18mm, lower ball joint 24mm}

#### 32) AXLE SHAFT...

[Illustration 58] Secure the axle shaft to the knuckle with the factory nut and tighten. (148-165) {35mm}

**Illustration 57** 

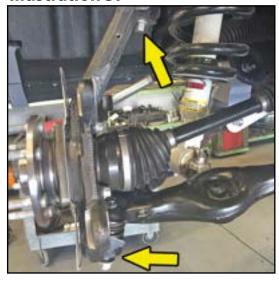


Illustration 58



#### 33) BRAKE LINE BRACKET...

[Illustration 59] Remove the factory brake line bracket from the frame located on the rearward side of the upper control arm mount. {13mm}

[Illustration 60] Attach the brake line relocation bracket (55-09-3492) to the factory brake line location on the frame. Secure using the factory hardware in the factory hole and use the supplied  $3/8" \times 3/4"$  bolt, washer, and nyloc nut in the lower hole and tighten. (factory bolt: 76 in-lb; 3/8" bolt 30) {13mm,9/16"}

 $\Box\Box$  [Illustration 61] Fasten the factory brake line bracket to the new bracket using the supplied 1/4" x 3/4" bolt, washer, and nyloc nut. (8) {1/2"}

[Illustration 62] **DO NOT DAMAGE BRAKE HOSE.** Use a pair of vise grips and adjustable pliers to pry open the factory brake line bracket, that attached the hose to the top of the control arm, free from the brake hose. Clamp the vise grips so they are gripping the edge and the back side of the radius, as shown. Then using the adjustable pliers, pry the bracket free. {vise grips, adjustable pliers}



Illustration 61



**Illustration 60** 



Illustration 62



#### 34) ABS WIRING...

- [Illustration 63] Route the ABS wiring down from the frame on top of the upper control arm to the knuckle. Then down on the inside of the knuckle to the front side and over the tie rod end to the hub assembly.
- [Illustration 64 & 65] Attach the ABS sensor to the knuckle. If necessary, use a pry bar to pry the dust shield out of the way to install the ABS sensor into the hub assembly. Secure the ABS sensor to the hub assembly using the factory hardware. (1) (5mm allen)

#### Illustration 63

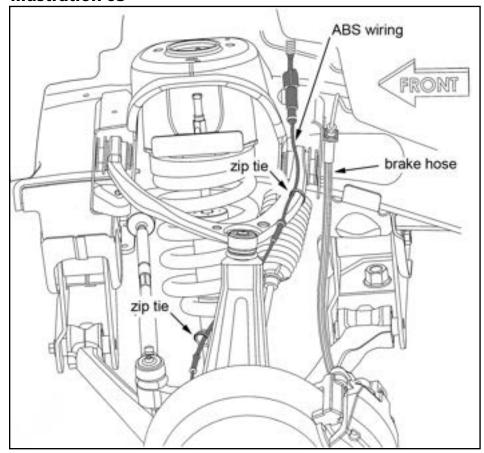


Illustration 64



Illustration 65



#### 35) BRAKE ROTOR...

 $\Box\Box$  [Illustration 66] Install the brake rotor and secure it using the factory Torx bolt and tighten. (106 in-lb) {T30}

Illustration 66



36) BRAKE CALIPER...

NOTE: 2016 -2018 MODELS... If Equipped with Stamped Steel Control Arms and Steel Knuckle Use the newly Supplied 14mm x 2.0 x 50mm Flange Head Bolts.

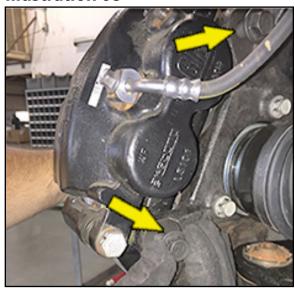
(2) Driver & (2) Passenger ALL Other Configurations Use the Factory Bolts!!

[Illustration 67 & 68] Attach the caliper bracket assembly to the knuckle. Apply the supplied thread-locking compound to the bolts before installing and tighten. (129) {18mm}

#### Illustration 67

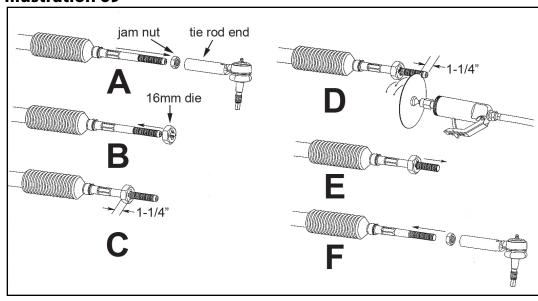


#### Illustration 68



#### 37) TRIMMING STEERING TIE ROD END...

- [Illustration 69-A] Loosen the jam nut for the tie rod end. Remove the end and jam nut. Set aside and retain for re-installation
- $\Box\Box$  [Illustration 69-B] Thread the supplied 16mm x 1.5 die nut on to the tie rod until it reaches the end of the factory threads.
- [Illustration 69-C] Apply some cutting lubricant to the tie rod (male end) and die. Using a 16mm wrench on the flats present in the tie rod, hold the tie rod steady and use the die nut to cut an additional 1-1/4" of threads on the tie rod. Do not remove the die at this time.
- [Illustration 69-D] Using a cut-off wheel or similar tool, cut 1-1/4" off of the end of the factory tie rod (male end). Use a thread file or die grinder to clean up any burrs caused by the cutting.
- ☐☐ [Illustration 69-E]
  Unscrew the die nut from the tie rod, using it to "chase" the threads on the end of the tie rod where it was cut. The die should thread smoothly on and off the end of the rod.
- Illustration 69-F]
  Reinstall the factory jam
  nut, followed by the tie rod
  end. Final toe adjustments
  will take place once the
  suspension installation is
  complete. Snug the jam nut
  for now.



#### 38) STEERING TIE ROD END...

MARNING: On the 2007-2013 Models AND Some later 2014-2015 Models, check the install depth of the tie rod before attachment. IF the tie rod is loose or goes too deep into the steering knuckle boss, a tie rod Tapered Sleeve Must Be Installed for proper fitment. Locate Hardware Bag #77-3511. Install #3492TS Tapered Sleeve into the steering knuckle, then attach and tighten tie rod.

 $\square\square$  [Illustration 70] Attach the tie rod end to the knuckle; tighten. (44) {21mm}

#### 39) SWAY BAR BRACKETS...

 $\Box\Box$  [Illustration 71] Attach the sway bar drop brackets (55-07-3500 Driver side; 55-08-3500 Passenger side) to the factory sway bar mounts on the frame using the supplied 10mm x 30mm bolts and flat washers.

**NOTE:** Note that the flat side of the bracket should face the outside of the vehicle and the sway bar body is

shifted rearward. Do not tighten at this time.

[Illustration 71] Attach the anti-sway bar body to the new drop brackets using the factory bolts supplied and 10mm stover nuts. Do not tighten at this time.

☐☐ Tighten the upper hardware followed by the lower. (50) {upper 17mm; lower bolt 10mm, nut 17mm}

Illustration 72] Locate the new 3/8" x 12" bolts, the new sway bar link tube (12-3492) and washer

packs (145098). Place a supplied washer over the bolt followed by a factory bushing and insert from the bottom, through the lower control arm. Place another factory bushing and supplied washer on the bolt followed by the new sway bar link tube (12-3492), then a supplied washer and bushing. Push bolt through the sway bar body, then top off with the last factory bushing, factory washer, and

supplied 3/8" nut. Tighten until the bushings swell slightly.

#### 40) TIRES / WHEELS...

[Illustration 73] Tighten the lug nuts. (140) {Lug Nuts 22mm}

\*\*MARNING: When the tires / wheels are installed, always check

for and remove any corrosion, dirt, or foreign material on the wheel mounting surface, or anything that contacts the wheel mounting surface (hub, rotor, etc.). Installing wheels without the proper metal-to-metal contact at the wheel mounting surfaces can cause the lug nuts to loosen and the wheel to come off while the vehicle is in motion.

**MARNING:** Retighten lug nuts at 500 miles after any wheel change, or anytime the lug nuts are loosened. Failure to do so could cause wheels to come off while vehicle is in motion.

# Illustration 71

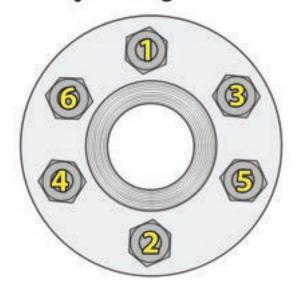


## Illustration 72

**Illustration 70** 



Lug Nut Torque Sequence... Follow the Sequence Below to Torque the Lug Nuts



| FORM#3571.08-01262021 PRINTED IN U.S.A. PAGE 24 O | F 29 |
|---|------|
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#### 41) CLEARANCE CHECK...

With the vehicle still on jack stands, and the suspension "hanging" at full extension travel, cycle steering lock-to-lock and check all components for proper operation and clearances. Pay special attention to the clearance between the tires / wheels and brake hoses, wiring, etc.

Lower vehicle to the floor.

#### 42) LOWER CONTROL ARM...

☐ Tighten the lower control arm bolts. (129) {15/16"}

#### 43) BATTERY...

☐ Reconnect battery.

## **REAR ASSEMBLY**

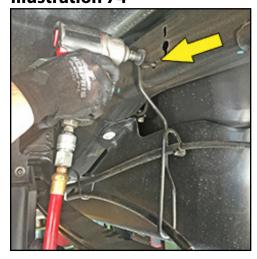
#### 44) PREPARE VEHICLE...

Chock the front tires. Position a jack beneath the center of the rear axle of the vehicle. Raise rear of vehicle and place jack stands under the frame rails, a few inches in front of the rear springs' front hangers. Ease the jack down until the frame is resting on the stands. Keep a slight load on the jack. Remove the rear tires.

#### 45) EMERGENCY BRAKE CABLE...

- [Illustration 74] Note the location of the brake cables within each hanger. Remove the emergency brake cable hangers from the frame. {13mm}
- [Illustration 75] Unbolt the clamp on the driver side lower shock mount that secures the driver side emergency brake cable to the axle. {13mm}
- [Illustration 76] Remove the clamp from the emergency brake cable; discard. {adjustable pliers}

#### Illustration 74



#### Illustration 75





☐ [Illustration 77 & 78] Disconnect the driver side emergency brake cable from brake adjuster at the frame. Collapse the prongs retaining the emergency brake cable in frame bracket and remove. Route the cable over the axle tube, then re-attach it to the frame mount and the adjuster. {vise grips, screwdriver

Illustration 77

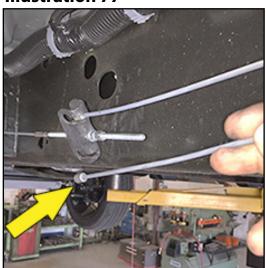
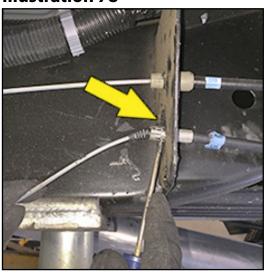


Illustration 78



#### 46) ABS WIRING...

 $\Box\Box$  [Illustration 79 & 80] Unclip the plastic clips retaining the ABS wiring from the top and inside of the frame rail, as well as the clip on the axle. {plastic fastener removal tool}

#### 47) SHOCK ABSORBERS...

[Illustration 81] Remove the shock absorbers. Discard. {21mm}

#### Illustration 79



**Illustration 80** 

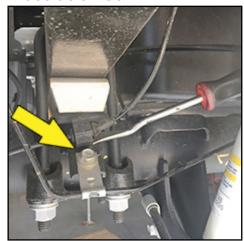


Illustration 81



**48) BRAKE LINE BRACKET...**[Illustration 82] Unbolt the rear brake hose bracket from the top of the driver side frame rail. This bracket secures the connection between the metal brake lines and rubber hoses at the frame. {13mm}

**Illustration 82** 



[Illustration 83] Carefully reform the metal lines so that the mounting foot for the bracket lines up, with the bottom of the frame rail, directly below its original attachment point. Use extreme caution to avoid pinching or

otherwise damaging the lines. Using the bracket as a template, mark the location of the new mounting holes to be drilled in the bottom of the frame.

☐ Move the brake lines out of harm's way and drill at the marked locations using a 9/32" bit. {drill, 9/32" drill bit}

 $\square$  [Illustration 84] Line up the bracket with the drilled holes and install the supplied  $5/16'' \times 1''$  self-tapping bolts. Tighten. (10)  $\{7/16''\}$ 

#### Illustration 83



#### Illustration 84



#### 49) INSTALLING BLOCKS...

[Illustration 85] Remove ubolts and then lower the axle several inches away from springs; discard the ubolts, factory blocks, and hardware. {21mm}

[Illustration 86] Clean spring pads of all debris. Position the Superlift block (55-01-201) on top of the axle pad with the tall end facing rearward, then using the floor jack(s), mate the springs to the blocks, be sure that the center bolt heads seat properly. Install the new Superlift 9/16" u-bolts and factory ubolt plate. Evenly torque the ubolts using an "X" tightening sequence. (150)  $\{7/8"\}$ 

[Illustration 87] Install the new Superlift 7/16" ubolts (716x314x412ub) over the leaf spring and through the new block securing with the supplied 7/16" flange nuts. (70)  $\{5/8''\}$ 

#### **Illustration 85**



Illustration 86



Illustration 87



**Illustration 88** 



#### 50) SHOCK ABSORBERS...

[Illustration 88] Install the rear shock absorbers;

NOTE: SUPERLIFT brand shocks must be installed with the cylinder body mounted at the axle. [Shaft UP, Body DOWN]

Position a supplied 3/4" SAE washer at the top and bottom of the shock on the inside of the bracket and tighten the upper and lower bolts. (76) {21mm}

| FORM#2571 00 01262021  | DDINTED IN U.S.A                 | DACE 27 OF 20   |
|--|----------------------------------|---|
| FORM#3571.08-01262021 51) ABS WIRING   | PRINTED IN U.S.A.                | PAGE 27 OF 29   |
|  | e ABS wire to the axle and pull  | the ABS wire up from the axle along the rear  |
| ubolt and secure it to a ubolt usir  |                                  | ,   |
| ☐☐ [Illustration 90] Using supp  | lied cable tie, secure the ABS w | ire to the bump stop mount.   |
| <b>52) EMERGENCY BRAKE CABLE</b> □□ [Illustration 91] Secure the   |                                  | ubolt at the axle using the supplied cable tie.   |
| Illustration 89  | Illustration 90                  | Illustration 91   |
|  |                                  |   |
| 53) TIRES / WHEELS   | es and wheels Tighten the lug    | nuts in the sequence shown. (151) {21mm}  |
|  |                                  | eck for and remove any corrosion, dirt, or foreign  |
| The state of the s |                                  | eck for and remove any corrosion, dirt, or foreign<br>acts the wheel mounting surface (hub, rotor, etc.). |
| <del>-</del>   | per metal-to-metal contact at t  | the wheel mounting surfaces can cause the lug   |
|  | •                                | change, or anytime the lug nuts are loosened. in motion.  |
| Lower vehicle to the floor.  |                                  |   |
| 54) ALIGNMENT  |                                  |   |
| Realign vehicle to factory spec  | cifications.                     |   |
| <b>55) CLEARANCE CHECK</b> □□ With the vehicle on the grouattention to the clearance between   | •                                | proper operation and clearances. Pay special ses, wiring, etc.  |
| <b>56) FOUR WHEEL DRIVE</b> □ Activate the four wheel drive s  | system and check for proper en   | gagement.   |

#### 57) HEADLIGHTS...

 $\Box\Box$  Re-adjust headlights to proper setting.

#### 58) SUPERLIFT WARNING DECAL...

MWARNING: Install the WARNING TO DRIVER decal on the inside of the windshield, or on the dash, within driver's view.

#### **IMPORTANT MAINTENANCE INFORMATION**

**MWARNING:** It is the ultimate buyer's responsibility to have all bolts / nuts checked for tightness after the first 100 miles and then every 1000 miles. The steering, suspension and driveline systems, plus wheel alignment should be inspected by a qualified professional mechanic at least every 3000 miles.

FORM#3571.08-01262021 PRINTED IN U.S.A. PAGE 28 OF 29

#### **LIMITED LIFETIME WARRANTY / WARNINGS**

Your SUPERLIFT® product is covered by the Limited Warranty explained below that gives you specific legal rights. This limited warranty is the only warranty SUPERLIFT® makes in connection with your product purchase. SUPERLIFT® neither assumes nor authorizes any retailer or other person or entity to assume for it any other obligation or liability in connection with this product or limited warranty.

#### **SUPERLIFT, LLC, LIMITED LIFETIME WARRANTY**

What is covered? Subject to the terms below, SUPERLIFT® will repair or replace its products found defective in materials or workmanship for so long as the original purchaser owns the vehicle on which the product was originally installed. Your warranter is SUPERLIFT, LLC, doing business as SUPERLIFT® Suspension Systems ("SUPERLIFT®").

What is not covered? Your SUPERLIFT® Limited Warranty does not cover products SUPERLIFT® determines to have been damaged by or subjected to:

- Alteration, modification or failure to maintain.
- Normal wear and tear (bushings, rod ends, etc.). Scratches or defects in product finishes (powder coating, plating, etc.).
- Damage to, or resulting from, the vehicle's electronic stability system, related components or other vehicle systems.
- Racing or other vehicle competitions or contests. Accidents, impact by rocks, trees, obstacles or other aspects of the environment.
- Theft, vandalism or other intentional damage.

Remedy Limited to Repair or Replacement. The exclusive remedy provided hereunder shall, upon SUPERLIFT's inspection and at SUPERLIFT's option, be either repair or replacement of the product covered under this Limited Warranty. Customers requesting warranty consideration should contact SUPERLIFT® by phone (1-800-551-4955) to obtain a Returned Goods Authorization number. All removal, shipping and installation costs are customer's responsibility.

If a replacement part is needed before the SUPERLIFT® part in question can be returned, you must first purchase the replacement part. Then, if the part in question is deemed warrant-able, you will be credited / refunded.

#### OTHER LIMITATIONS - EXCLUSION OF DAMAGES - YOUR RIGHTS UNDER STATE LAW

- Neither SUPERLIFT® nor your independent SUPERLIFT® dealer are responsible for any time loss, rental costs, or for any incidental, consequential or other damages you may have.
- This Limited Warranty gives you specific rights, and this is the only warranty SUPERLIFT® makes in connection with your product purchase. You may also have other rights that vary from state to state. For example, while all implied warranties are disclaimed herein, any implied warranty required by law is limited to the terms of our Limited Lifetime Warranty as described above. 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. SUPERLIFT® neither assumes nor authorizes any retailer or other person or entity to assume for it any other obligation or liability in connection with this product or Limited Warranty.

FORM#3571.08-01262021 PRINTED IN U.S.A. PAGE 29 OF 29

#### **IMPORTANT PRODUCT USE AND SAFETY INFORMATION / WARNINGS**

**MARNING:** As a general rule, the taller a vehicle is, the easier it will roll over. Offset, as much as possible, what is lost in rollover resistance by increasing tire track width. In other words, go "wide" as you go "tall"; always use as wide a tire and wheel combination as feasible to enhance vehicle stability. We strongly recommend, because of rollover possibility, that the vehicle be equipped with a functional roll bar and cage system. Seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur.

Generally, braking performance and capabilities are decreased when significantly larger / heavier tires and wheels are used. Take this into consideration while driving. Also, changing axle gear ratios or using tires that are taller or shorter than factory height will cause an erroneous speedometer reading. On vehicles equipped with an electronic speedometer, the speed signal impacts other important functions as well. Speedometer recalibration for both mechanical and electronic types is highly recommended.

Do not add, alter, or fabricate any factory or aftermarket parts to increase vehicle height over the intended height of the SUPERLIFT® product purchased. Mixing component brands is not recommended.

#### **NOTE:** WE WANT TO SEE YOUR RIDE...

Grab photos of your SUPERLIFT Equipped truck in various poses and in action.

Email pictures to us at sales@superlift.com

Tag us on Facebook: @superlift suspension systems

Tag us on Instagram: #superlift, #superliftsuspension, #superliftequipped

#### **THANKS For Choosing SUPERLIFT...**

For questions, technical support and warranty issues relating to this SUPERLIFT products, please contact SUPERLIFT directly.

SUPERLIFT SUSPENSION 300 Huey Lenard Loop Rd. West Monroe, Louisiana 71292 Phone: (318) 397-3000 Sales / Tech: (800) 551-4955

Fax: (318) 397-3040 SUPERLIFT.COM