



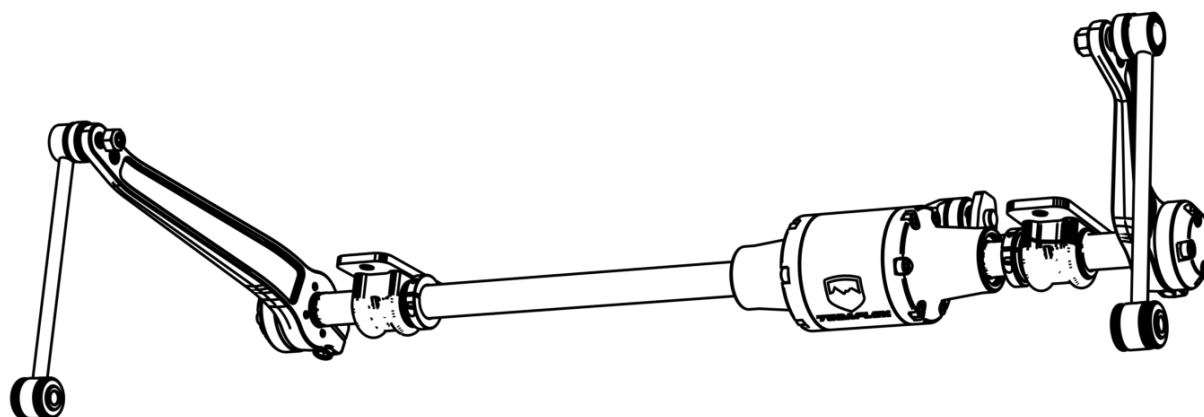
JL/JT/JK Front Pneumatic Sway Bar

www.TERAFLEX.com

1780001

1780002

1780003



Important Notes:

Prior to beginning this install, or any installation, read the instructions thoroughly to familiarize yourself with the required steps. Evaluate if you are experienced and capable to personally perform these modifications. A factory service manual should be used in conjunction with these installation instructions.

This product will change the highway handling characteristics of your vehicle, exercise caution. After altering the suspension it is always advisable to have an alignment done by a competent 4 wheel drive shop or by an alignment shop that is experienced with lifted 4 wheel drive vehicles.

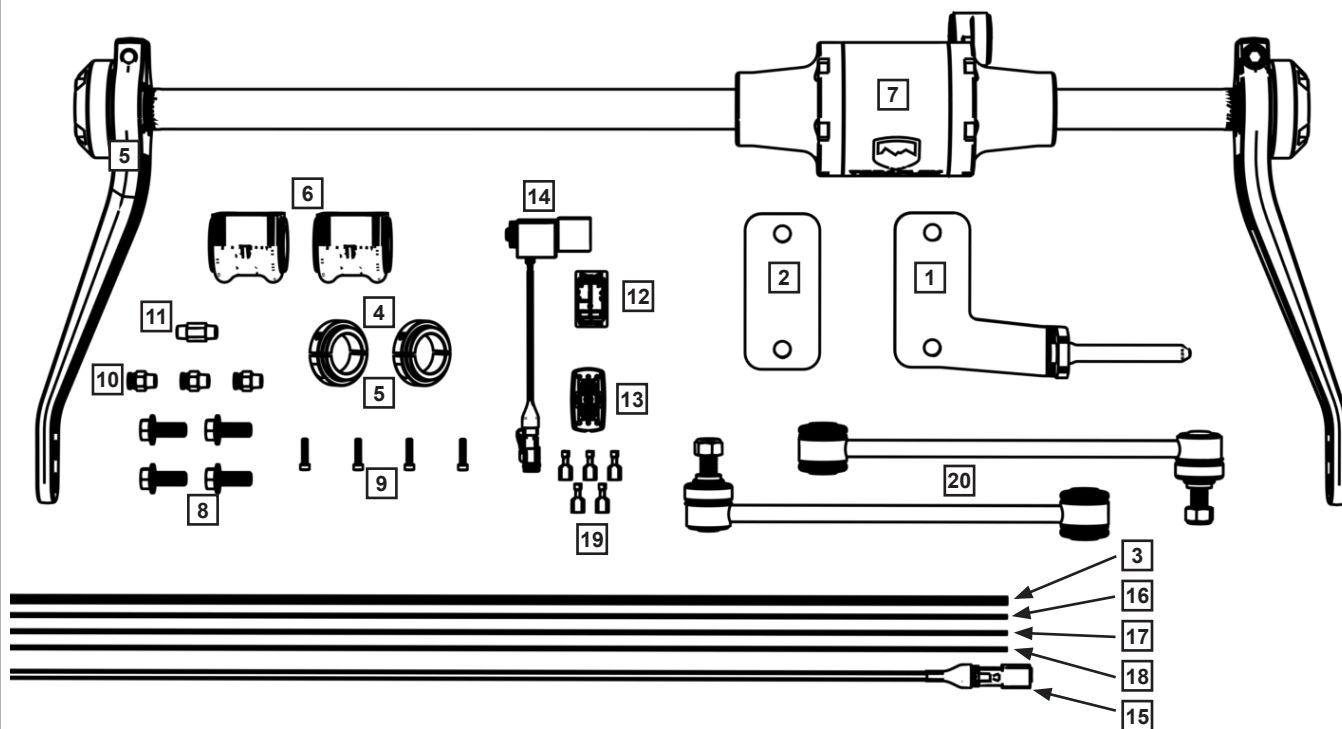
Refer to the parts list to ensure that all necessary components and hardware has been included. If any parts are missing please contact your local TeraFlex dealer for assistance.

When reinstalling OEM hardware, refer to the torque specs given in the Factory Service Manual.

Tools Needed:

Metric sockets and wrenches

Wire cutters



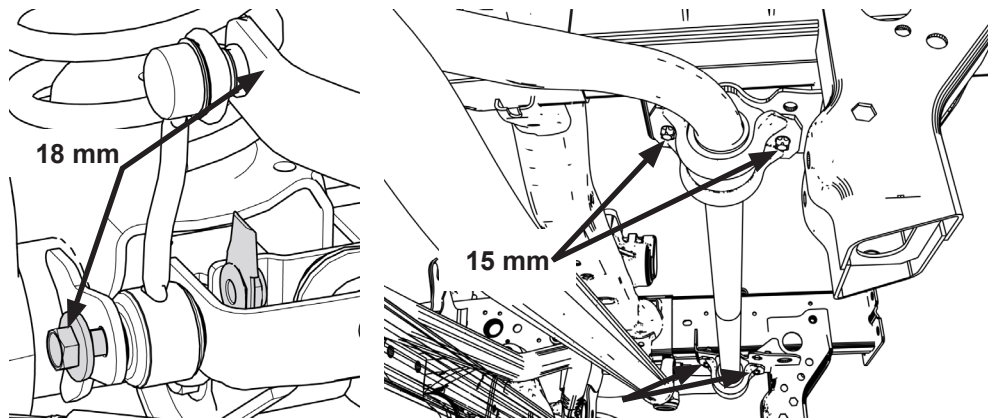
Included in every kit is the Pneumatic Sway Bar Kit (1780000) and one pair of sway bar links.

1780000 Jeep JL/JT/JK Pneumatic Sway Bar Kit			
Number	Part #	Name	Qty.
1	15-19-005-002	Bracket (S), Assembly, Jeep JL/JT/JK, Frame Bracket Assembly	1
2	15-23-005-003	Bracket (S), Sway Bar, Jeep JL/JT/JK, Bushing Spacer Bracket	1
3	18-04-002-001	Hose, Tubing, Push-To-Connect, 6mm OD	1
4	19-02-002-001	Clamp (S), Bar Clamp, Jeep JL/JT/JK, Top Half	2
5	19-02-002-002	Clamp (S), Bar Clamp, Jeep JL/JT/JK, Bottom Half	2
6	21-03-002-005	Sway Bar (S), Trail Bar, Jeep JT Gladiator, Sway Bar Bushing	2
7	21-15-003-001	Sway Bar (S), Assembly, Jeep JL/JT/JK, Pneumatic Sway Bar Assembly	1
8	45-02-009-006	Hardware (S), Hex Flange Bolt, M10 x 1.5 x 35mm, Class 10.9 / ZnAl / Silver	4
9	45-03-017-001	Hardware (S), Socket Head Cap Screw, M4 x 0.7 x 20mm, Class 12.9 / ZnNi / Silver	4
10	45-33-018-001	Hardware (S), Fitting, Push-To-Connect, 6mm OD - 1/8" NPT Straight	3
11	45-33-019-001	Hardware (S), Fitting, Connector, 1/8" NPT - 1/8" NPT Straight	1
12	58-01-002-001	Electrical (S), Switch, Pneumatic, Switch Housing	1
13	58-01-002-002	Electrical (S), Switch, Pneumatic, Rocker	1
14	58-02-002-001	Electrical (S), Solenoid, Pneumatic, Air Solenoid	1
15	58-03-005-001	Electrical (S), Wiring Harness, Jeep JL/JT/JK, Solenoid Wiring Harness	1
16	58-04-003-001	Electrical (S), Wire, 20 AWG (120"), Black	1
17	58-04-003-002	Electrical (S), Wire, 20 AWG (120"), Blue	1
18	58-04-003-003	Electrical (S), Wire, 20 AWG (120"), Red with Yellow Stripe	1
19	58-05-004-001	Electrical (S), Crimp Terminal, 16-22 AWG / Fully Insulated, Female	5

Depending on the kit ordered, the included sway bar links will be different lengths.

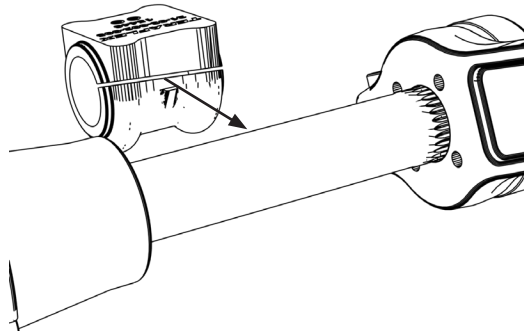
1780001 JL/JT/JK Standard Lift Pneumatic Sway Bar Kit			
20	21-01-001-095	Sway Bar (S), Link, Swivel Stud, 9.5" Length C-C	2
1780002 JL/JT Coil Over Pneumatic Sway Bar Kit			
20	21-01-001-115	Sway Bar (S), Link, Swivel Stud, 11.5" Length C-C	2
1780003 JL/JT Coil Over Pneumatic Sway Bar Kit			
20	754420	Swaybar Link with Swivel Stud for JK Rear 6" lift 14.75" C-C	2

REMOVE THE FACTORY FRONT SWAY BAR LINKS AND SWAY BAR

**1**

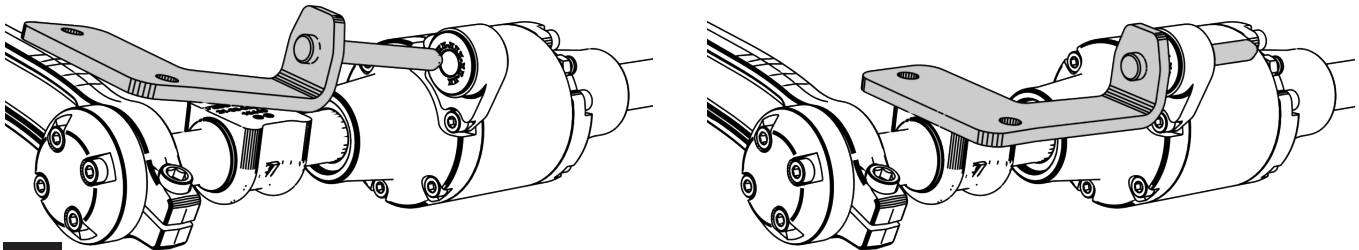
Clean the frame threads using an M10x1.5 tap if needed.
JL/JT shown. JK removal is similar.

INSTALL THE BUSHING ONTO THE SWAY BAR

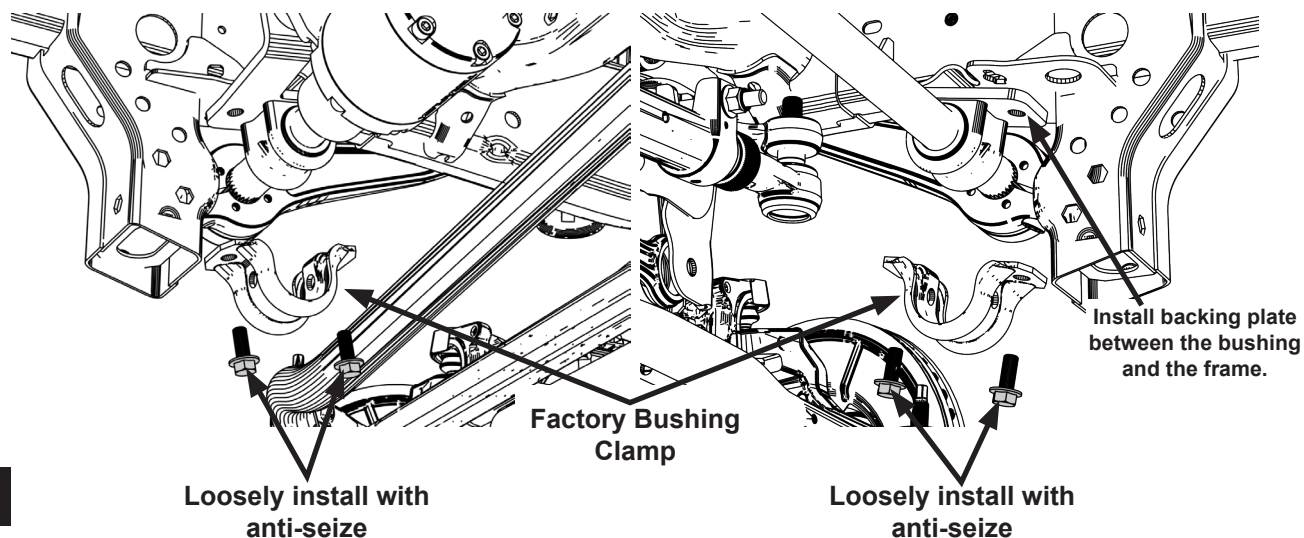
**2**

Adjust the location of the bushing for JL/JT or JK.

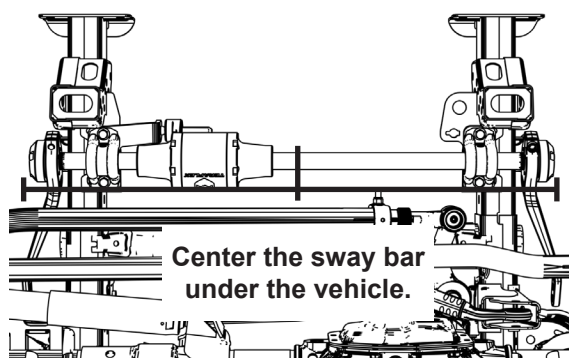
INSTALL THE ROTATION PREVENTION BRACKET

**3**

ATTACH THE PNEUMATIC SWAY BAR TO THE VEHICLE

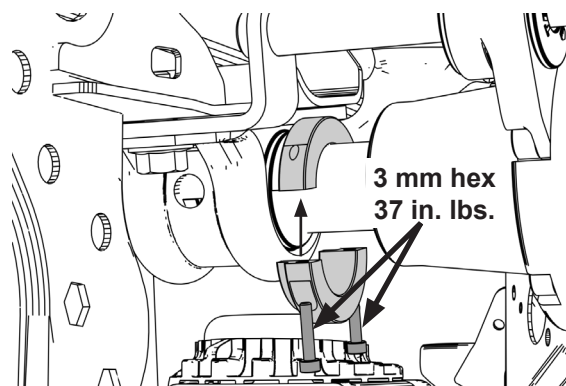


CENTER THE BAR



5

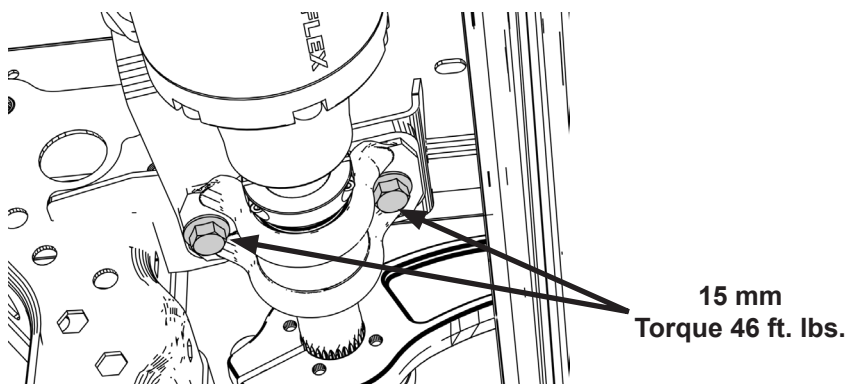
INSTALL THE CLAMP



Adjust the clamp so it is firm against the bushing and then tighten the bolts. This will keep the bar centered.

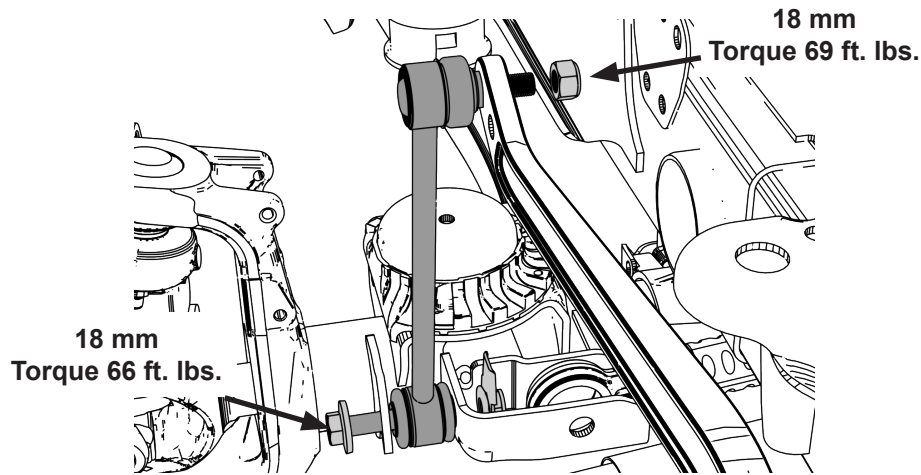
6

TIGHTEN THE SWAY BAR MOUNTING BOLTS



7

INSTALL PROVIDED SWAY BAR LINK

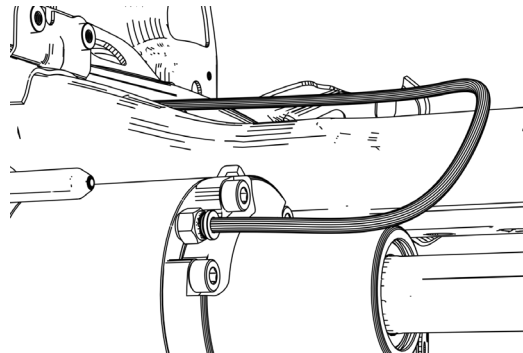


Install the sway bar link included in the kit. See parts list on page 2.

JL/JT sway bar link shown. JK torque specs are the same.

8

ATTACH THE AIR LINE TO THE SWAY BAR



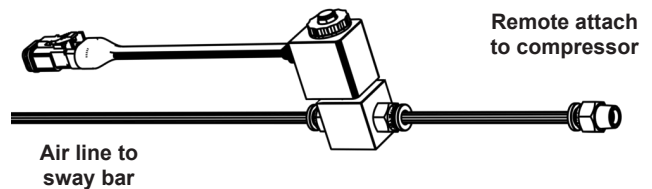
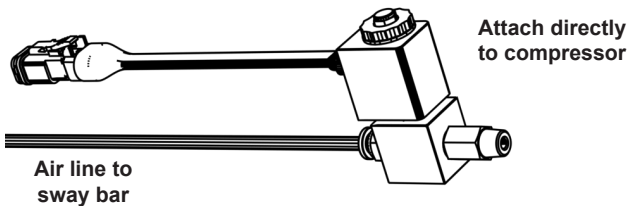
Run the air line up to the crossbar and then to the compressor.

Make sure there is enough slack that it will not kink.

9

INSTALL THE SOLENOID ONTO A COMPRESSOR

Included are the fittings to install the solenoid directly to the compressor or to do so remotely. Attach the air fittings to the solenoid using thread seal tape.



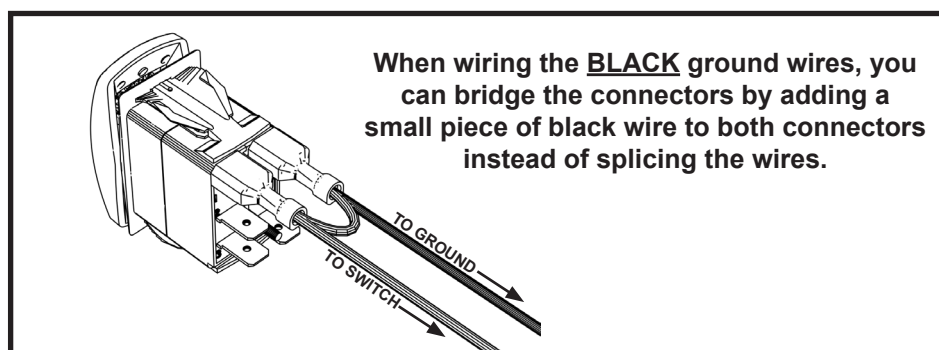
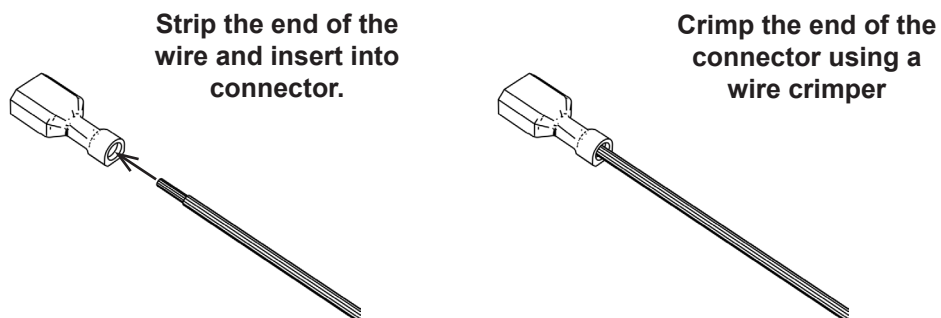
10

OPTION 1: Attach the solenoid directly to the compressor.

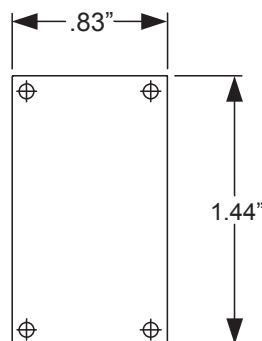
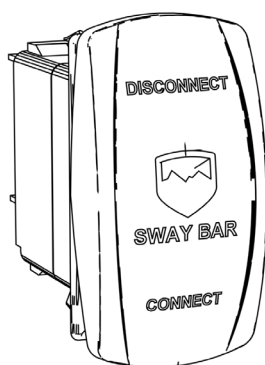
OPTION 2: Remote attach the solenoid using the press-to-fit connectors.

ATTACH ONE END OF EACH WIRE TO A CONNECTOR

****SEE WIRING GUIDE ON PAGE 7****


11

INSTALL THE SWITCH ON THE DASH OR ON A ROCKER SWITCH BRACKET



PANEL CUTOUT

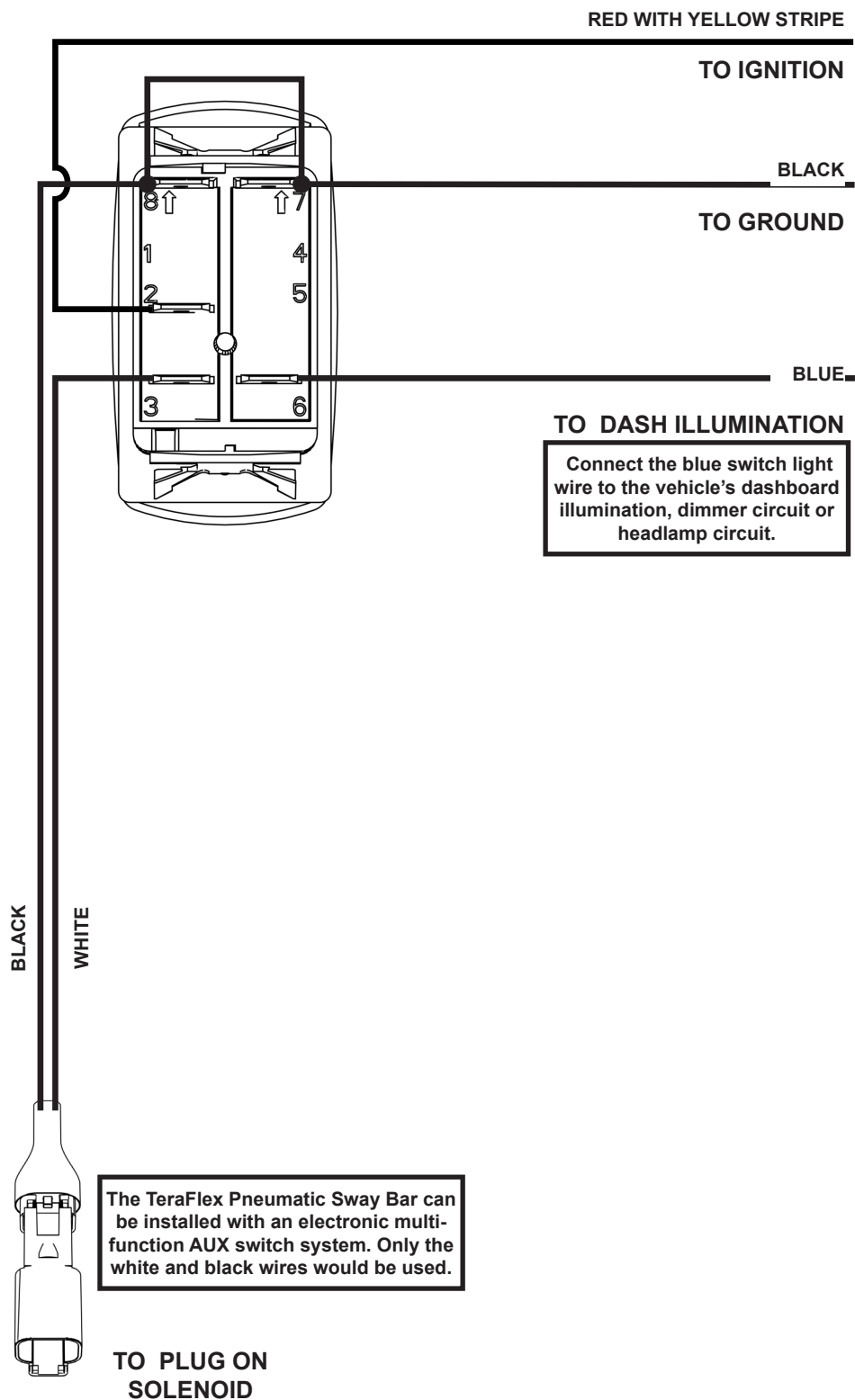
The switch should be in a place that cannot be easily hit while driving so as to prevent accidental activation.

Can fit into ARB or similar rocker switch pod bracket.

You can instead cut a hole in the dash that is 0.83"x1.44"

12

WIRING GUIDE



TERAFLEX

PRODUCT INFORMATION

MAINTENANCE INFORMATION:

It is the buyer's responsibility to have all suspension, drivetrain, steering, and other components checked for proper tightness and torque after the first 100 miles and every 3000 miles after that.

NOTICE TO INSTALLER:

The enclosed "Warning to Driver" sticker must be installed in the vehicle in driver's view. This sticker is to act as a constant safety reminder when operating the vehicle. It is your responsibility as the equipment installer to install the provided sticker and to forward the product instructions to the vehicle's owner for review. If a "Warning to Driver" sticker or product installation guide were not included in the kit, FREE replacement stickers and instructions are available by request. It is the installer's duty to ensure a safe and controllable vehicle after the modifications have been performed.

WARNING:

Neither the seller nor the manufacturer will be liable for any loss, damage, or injury directly or indirectly arising from the use of or inability to determine the use of these products. Before using, the user shall determine the suitability of the products for its intended use, and the user shall assume all responsibility and risk in connection therewith.

WARNING TO DRIVER:

This vehicle has been modified to enhance off road performance and has unique handling characteristics. Use in harsh environments can cause extreme stress on the components. Vehicle should be inspected after being off road to make sure that all the components are in working order and safe to travel on the highway. All fasteners should be checked so that they are at the correct torque specifications as the vibration and stresses from off roading may cause critical fasteners to work loose. Extra care should be taken to inspect the critical components, steering, and brake systems. During each oil change components such as arms, tie rod ends, etc should be greased and checked for excessive wear. Any worn components should be replaced. When returning to the pavement always set or restore tire air pressure to the factory recommendation and connect or engage any disabled sway bar mechanisms. Because of the higher center of gravity and larger tires, this vehicle handles and reacts differently than many passenger cars, both on and off road. You must drive it safely! Extreme care should be taken to prevent vehicle rollover or loss of control, which can result in serious injury or death. Avoid sudden sharp turns or abrupt maneuvers. Generally, braking performance and capabilities are decreased when significantly larger/heavier tires are used, especially when used in combination with transfer case low-range reduction kits. Take this into consideration while driving. Do not add, alter or fabricate any factory or aftermarket parts to increase vehicle height over the intended height of the TeraFlex product purchased. Mixing component brand is not recommended. TeraFlex Inc. will not be responsible for any altered product or any improper installation or use of our products. We will be happy to answer any questions concerning the design, function, and correct use of our products. It is ultimately the buyer's responsibility to have all bolts/nuts checked for tightness after the first 100 miles and then every 3000 miles. Wheel alignment, steering system, suspension and drive line systems must be inspected by a qualified professional mechanic at least every 3000 miles.

TERAFLEX PRODUCT WARRANTY:

TeraFlex Inc. warrants TeraFlex Suspension products to the original retail purchaser to be free of defects in material and workmanship for as long as the original purchaser owns the vehicle on which products were originally installed.

Failure to complete regular maintenance (grease every 3000 miles) on TeraFlex FlexArms will void this warranty. All other conditions of the standard TeraFlex product warranty apply.

All TeraLow products are covered by the TeraFlex two (2) year warranty to be free of defects in material and workmanship for two years from date purchased.

TeraFlex axles are covered by a 12-month warranty to be free of defects in materials and workmanship.

This warranty does not cover or include product finish, improperly installed or applied products, improperly maintained products, products or components used for racing or competition or damage due to abuse or neglect, products that fail due to the use of larger tire and wheel combinations.

All returns must be accompanied by an original invoice. It is the customer's responsibility to remove the product from the vehicle. Shipping charges are the responsibility of the customer. TeraFlex Inc. will pay the return freight if the product meets the terms of warranty.

This warranty is for the replacement or repair of defective TeraFlex products only and does not include freight charges, labor charges for removal of or installation of TeraFlex or related products or components, costs incurred due to down time of the vehicle, or lost profits due to vehicle down time.

A returned goods authorization number (RGA#) must accompany any returned products. For more information please contact a TeraFlex customer service representative.

COPYRIGHT

©Copyright 2014. All rights reserved, TeraFlex Inc. Reproduction of this catalog and/or any of its contents without written permission is strictly prohibited.

TeraFlex® is a registered trademark of TeraFlex Inc. All trade names and logos including but not limited to TeraFlex, FlexArms, RockGuard, Monster, and LCG are protected by law and duplication of trade names and/or logos are strictly prohibited.

TeraFlex Inc. reserves the right to update, discontinue, redesign, modify finish, part number or component build parts if deemed necessary without written notice. TeraFlex Inc., and any associated dealers are not responsible for misprints or typographical errors that may have inadvertently been made within this instruction sheet.

Jeep® and the Jeep® grill are registered trademarks of Fiat Chrysler Automobiles N.V., and have no affiliation with TeraFlex Inc.

TERAFLEX, Inc.

5680 West Dannon Way
West Jordan, UT. 84081

Phone/801.713.3314

Fax/801.713.2313

www.teraflex.com