



# EZ Greaser Installation Instructions

The **EZ Greaser**<sup>®</sup> lubrication system is designed to lubricate 8, 14, or 16 points from a single fitting—all at the same time from one convenient location. The **EZ Greaser** ensures that you are getting the proper amount of lubricant to each fitting – every time. Each kit comes complete with the items necessary for installation so you can get back on the road quickly and stay on the road.

**IMPORTANT:** Pre-grease all lube points before installing the system. Make sure that each lube point will accept grease from a grease gun with minimum effort. This system can deliver grease at pressures up to 1500 psi. If a fitting requires extreme effort to inject grease, it must be fixed before attaching the **EZ Greaser** to that point.

**NOTE:** Do not plug any outlets on the **EZ Greaser** block. The block will not operate correctly.

## INSTALLATION

1. Verify the number of lubrication points and locations and inspect to ensure lube points will accommodate use of the included threaded fittings. Optional press-in fittings are available from your EZ Greaser Distributor. See vehicle layout on page 3.
2. Install mounting plate either by welding or bolting to a spot that allows easy access to the grease fitting on the top of the block and within ten (10) feet of the furthest lube point. Mount block to the mounting plate
3. Remove all the existing grease fittings from the points to be attached to the EZ Greaser and replace with fittings according to the diagrams for the specific kit.
4. Prepare tubing:
  - a. Cut the outside sheath on multi-tube bundles back to the point where this bundle meets the first lube point. Be careful not to puncture or cut the tubes. Use a “Romex” stripper to help prevent this damage.
  - b. Peel back the outside sheath rolling it back on itself and cut off the excess. Be careful not to nick or cut the remaining tubes.
  - c. Align tubing with fitting and make a clean square cut with an anvil style cutter.
5. Using the included diagrams, route the tubing lines to the appropriate points following the color scheme on the diagrams. Bundle tubes together when routing tubes from the block to the lube points. Use wire ties every 6-8 inches and anchor to the frame and steering components making sure the tubes move with these objects. This will assure that the tubes stay in place under normal operating conditions.

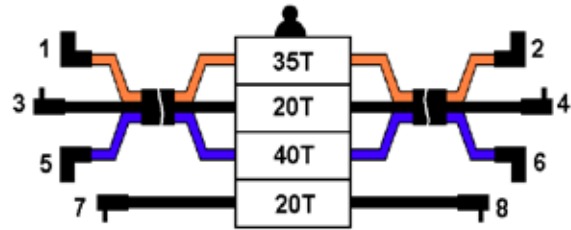
**IMPORTANT:** Allow ample slack for tube movement and ease of installation. A self-aligned captured ferrule is supplied with all 3/16" fittings. It is not necessary to remove the nut and ferrule to seat the tube into the fitting. Care should be taken to make sure the tube is well seated into each fitting before tightening.
6. Attach the Orange tube from the Tri-tube bundle to the Upper King Pin grease fitting. Attach the Blue tube to the Lower King Pin grease fitting. Attach Black tube to Tie Rod grease fitting. This fitting should be pointing towards the rear of the vehicle and on a 45° angle toward the inside centerline of the vehicle. Repeat for other side of the vehicle. Do not attach grease tubes to hydraulic brake lines.
7. Attach single Black tubes to front and rear Drag Link grease fittings. Allow for movement of the arm. Be sure to secure the line to the steering arm so that line moves when steering the vehicle but does not rub or slide against frame, shock absorber or steering components. Tubes and steering components should move as one (1) unit.
8. Attach other tubes to spring pins and spring hangers as required.

## OPERATING INSTRUCTIONS

Remove the dust cover protective cap from the grease fitting on the divider module. Ensure the fitting is free from dirt and contamination and connect a grease gun or low volume power grease gun to the grease fitting. Pump a manual gun one time for each lube point in the system: 8 strokes for 8-point system, 14 strokes for the 14-point system, and 16 strokes for a 16-point system. Wipe off the end of the fitting and put the protective cap back onto the fitting. Repeat every 2-3 weeks or more often when operating the vehicle in wet or high dust environments to flush out contaminants with fresh grease.

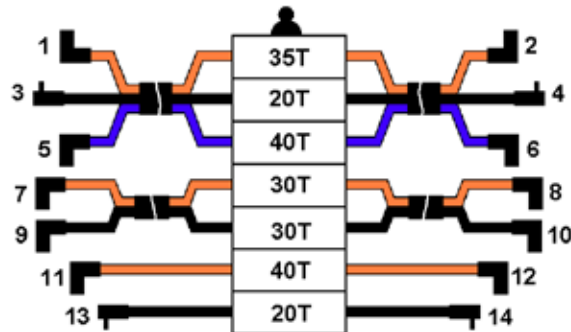
**Kit Number 563853 (Old: 550-503-634) 8-Point Manual System**

Lube Points	Block Size	Tube Color	Fitting
1 King Pin Upper	35T	Orange	1/8 Elbow
2 King Pin Upper	35T	Orange	1/8 Elbow
3 Tie Rod	20T	Black	1/4 SAE Elbow
4 Tie Rod	20T	Black	1/4 SAE Elbow
5 King Pin Lower	40T	Blue	1/8 Elbow
6 King Pin Lower	40T	Blue	1/8 Elbow
7 Drag Link of Pitman	20T	Black	1/4 SAE Elbow
8 Drag Link of Idler	20T	Black	1/4 SAE Elbow



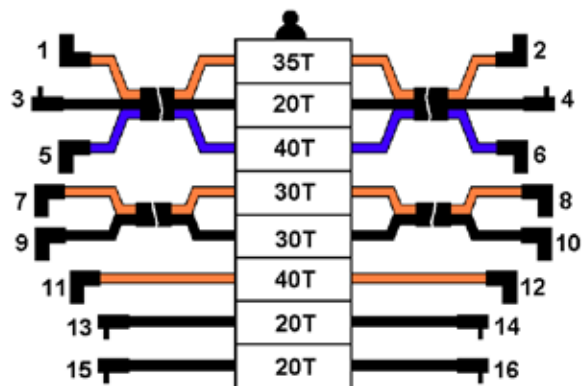
**Kit Number 563855 (Old: 550-503-636) 14-Point Manual System**

Lube Points	Block Size	Tube Color	Fitting
1 King Pin Upper	35T	Orange	1/8 Elbow
2 King Pin Upper	35T	Orange	1/8 Elbow
3 Tie Rod	20T	Black	1/4 SAE Elbow
4 Tie Rod	20T	Black	1/4 SAE Elbow
5 King Pin Lower	40T	Blue	1/8 Elbow
6 King Pin Lower	40T	Blue	1/8 Elbow
7 Spring Hanger	30T	Black	1/8 Elbow
8 Spring Hanger	30T	Orange	1/8 Elbow
9 Spring Hanger	30T	Orange	1/8 Elbow
10 Spring Hanger	30T	Black	1/8 Elbow
11 Spring Pin	40T	Orange	1/8 Elbow
12 Spring Pin	40T	Orange	1/8 Elbow
13 Drag Link	20T	Black	1/4 SAE Elbow
14 Drag Link	20T	Black	1/4 SAE Elbow

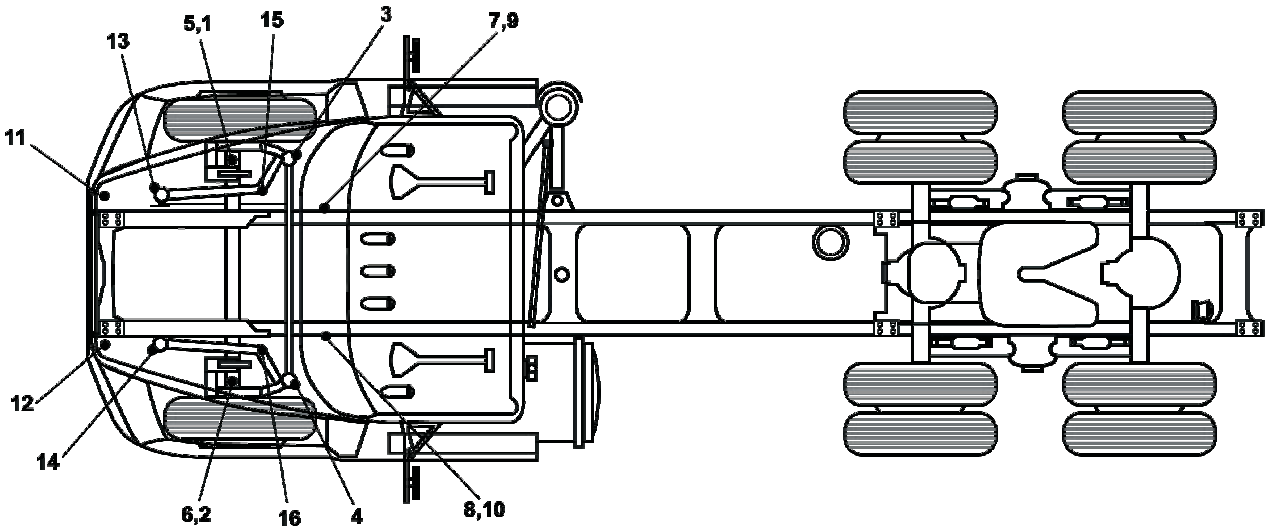


**Kit Number 563864 (Old: 550-503-646) 16-Point Manual System**

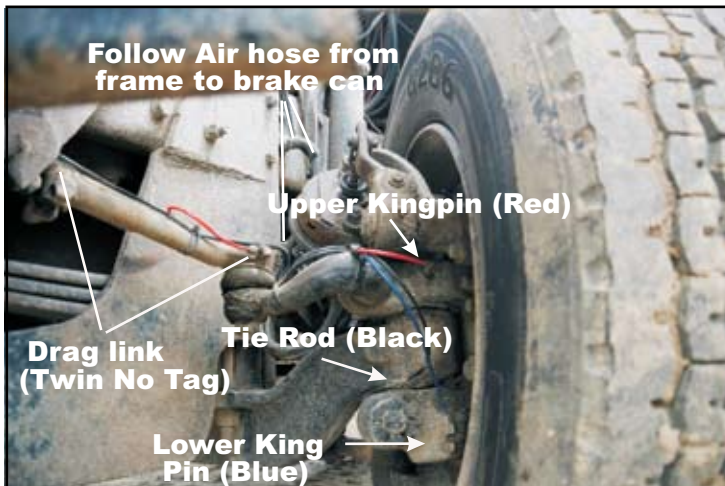
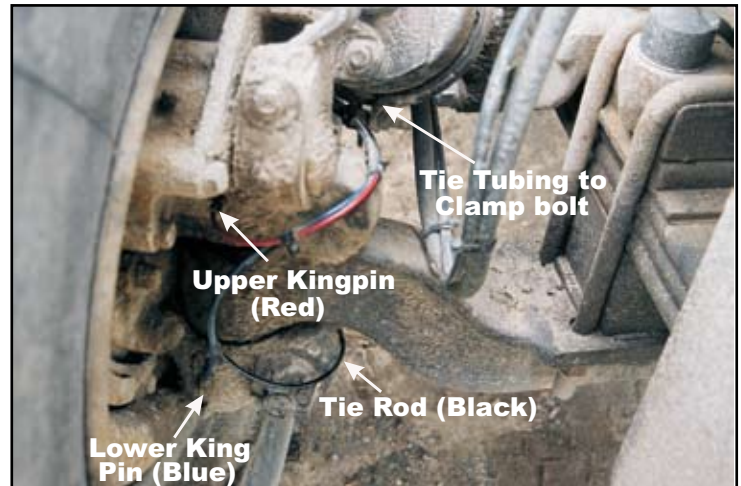
Lube Points	Block Size	Tube Color	Fitting
1 King Pin Upper	35T	Orange	1/8 Elbow
2 King Pin Upper	35T	Orange	1/8 Elbow
3 Tie Rod	20T	Black	1/4 SAE Elbow
4 Tie Rod	20T	Black	1/4 SAE Elbow
5 King Pin Lower	40T	Blue	1/8 Elbow
6 King Pin Lower	40T	Blue	1/8 Elbow
7 Spring Hanger	30T	Black	1/8 Elbow
8 Spring Hanger	30T	Orange	1/8 Elbow
9 Spring Hanger	30T	Orange	1/8 Elbow
10 Spring Hanger	30T	Black	1/8 Elbow
11 Spring Pin	40T	Orange	1/8 Elbow
12 Spring Pin	40T	Orange	1/8 Elbow
13 Drag Link	20T	Black	1/4 SAE Elbow
14 Drag Link	20T	Black	1/4 SAE Elbow
15 Drag Link	20T	Black	1/4 SAE Elbow
16 Drag Link	20T	Black	1/4 SAE Elbow



**Typical vehicle layout for 16 point front-end grease fitting locations:**



**Curbside Kingpin**

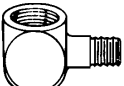
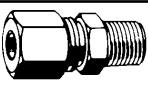
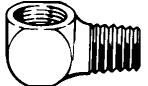
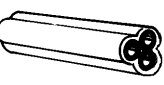


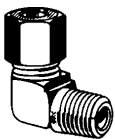
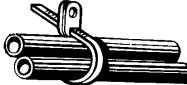
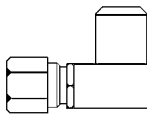
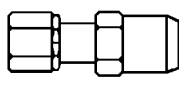
**Roadside Kingpin  
Drag Link**

## HARDWARE KIT CONTENTS ORDERING INFORMATION

Description	No. of Pieces	Kit Part No.	Kit Old Part No.	Part No.	Old Part No.
Elbow 3/16 TX x 1/8 P	4	563853	550-503-634	556638	435-440-030
Connector 3/16 T x 1/8 PM	6			556644	435-460-030
Elbow ST 1/8 Pipe	2			15K783	509-110-000
Elbow ST 1/4-28 SAE 1/8 FP	4			15K740	550-400-800
MSP MTG Bracket	1			557967	550-402-770
Tie Straps – 100 per pack	1			563770	550-402-340
Elbow 3/16 TX x 1/8 P	10	563855	550-503-636	556638	435-440-030
Connector 3/16 T x 1/8 PM	4			556644	435-460-030
Elbow ST 1/8 Pipe	2			15K783	509-110-000
Elbow ST 1/4-28 SAE 1/8 FP	4			15K740	550-400-800
MSP MTG Bracket	1			557967	550-402-770
Tie Straps – 100 per pack	1			563770	550-402-340
Elbow 3/16 TX x 1/8 P	10	563864	550-503-646	556638	435-440-030
Connector 3/16 T x 1/8 PM	6			556644	435-460-030
Elbow ST 1/8 Pipe	2			15K783	509-110-000
Elbow ST 1/4-28 SAE 1/8 FP	6			15K740	550-400-800
MSP MTG Bracket	1			557967	550-402-770
Tie Straps – 100 per pack	1			563770	550-402-340

### SPARE PARTS

Description	Part No.	Old Part No.
 Elbow, Street, 1/4-28 SAE x 1/8 FP	15K740	550-400-800
 Male Connector, 3/16 in Tube, 1/8 in NPT	556644	435-460-030
 Elbow, Street, 18 in NPT to 1/8 in NPT	15K783	509-110-000
Distribution Lines, 3/16 in OD Tubing Bundles Prefilled		
 3 Tube Bundle, 15 ft	563794	550-450-950
2 Tube Bundle, 15 ft	563792	550-450-930
1 Tube Orange, 20 ft	563993	550-450-820
1 Tube Black, 15 ft	564087	550-450-220

	Male 90° Elbow Connector, 3/16 in, 1/8 NPT	556638	435-440-030
	Nylon Tie Straps (11.5 in), 100 pcs	563770	550-402-340
<b>OPTIONAL CONNECTORS FOR NON-REMOVABLE GREASE FITTINGS</b>			
	Zerk Adaptors, 3/16 in Tube Conn. Straight		550-402-870
	Zerk Adaptors, 3/16 in Tube Conn. Elbow		550-402-860

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

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