

# How To Identify Replacement Lift Supports For: Truck Caps, Camper, Marine, Toolbox & Universal Applications

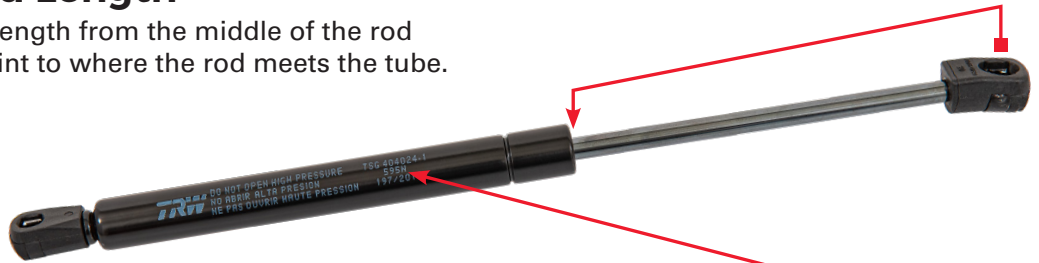
## 1 Measure Extended Length

Measure your old lift support from the middle of each rod connection point, not from the absolute ends.



## 2 Measure Rod Length

Measure the Rod Length from the middle of the rod end connection point to where the rod meets the tube.



## 3 Calculate Compressed Length

Compressed Length is determined by subtracting Rod Length (Step 2) from Extended Length (Step 1).

## 4 Identify Connection Type On Each End

Ball Sockets or Eyelets on either the Rod End or Tube End.



Ball Socket



Eyelet

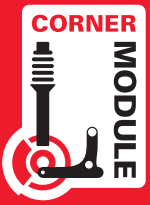
## 5 Identify Force In Pounds

Look on the tube end for the rated force. If the number is in Newtons, divide the figure by 4.45 to convert to pounds.



## 6 Locate Your Lift Support On The Back Of This Flyer

A TRW SYSTEM



[www.trwaftermarket.com/us](http://www.trwaftermarket.com/us)

With TRW, every part is built to meet the challenge, just like the 4,000 engineers, designers and product experts around the world who make them. With over 100 years' OE experience, TRW writes the standards for safety and quality.

   ZFAftermarketUS



Part #	Extended Length (Inches)	Compressed Length (Inches)	Rod End Fitting	Tube End Fitting	Force (lbs.)
TSG359019	16.00	9.50	Ball Socket	Ball Socket	112
TSG359037	16.00	10.00	Ball socket	Ball Socket	78
TSG359027	17.00	10.00	Ball Socket	Ball Socket	144
TSG359028	17.00	10.00	Ball Socket	Ball Socket	99
TSG359001	17.00	11.00	Ball Socket	Ball Socket	70
TSG359010	17.00	11.00	Ball Socket	Ball Socket	30
TSG359011	17.00	11.00	Ball Socket	Ball Socket	40
TSG359012	17.00	11.00	Ball Socket	Ball Socket	90
TSG359018	17.50	10.50	Eyelet	Eyelet	180
TSG359029	18.50	10.50	Ball Socket	Ball Socket	35
TSG359030	18.50	10.50	Ball Socket	Ball Socket	48
TSG359031	18.50	10.50	Ball Socket	Ball Socket	63
TSG359033	18.50	10.50	Ball Socket	Ball Socket	99
TSG359034	18.50	10.50	Ball Socket	Ball Socket	117
TSG359020	19.00	11.00	Ball Socket	Ball Socket	112
TSG359032	19.00	11.00	Ball Socket	Ball Socket	88
TSG359035	19.50	11.50	Ball Socket	Ball Socket	80
TSG359036	19.50	11.50	Ball Socket	Ball Socket	115
TSG359002	20.00	12.00	Ball Socket	Ball Socket	70
TSG359003	20.00	12.00	Ball Socket	Ball Socket	130
TSG359004	20.00	12.00	Ball Socket	Ball Socket	50
TSG359013	20.00	12.00	Ball Socket	Ball Socket	20
TSG359014	20.00	12.00	Ball Socket	Ball Socket	30
TSG359015	20.00	12.00	Ball Socket	Ball Socket	80
TSG359016	20.00	12.00	Ball Socket	Ball Socket	80
TSG259004	23.00	13.00	Ball Socket	Ball Socket	112
TSG259010	26.00	14.00	Ball Socket	Ball Socket	66
TSG259011	26.00	14.00	Ball Socket	Ball Socket	80
TSG259013	28.00	16.00	Ball Socket	Ball Socket	122
TSG159005	29.00	23.00	Eyelet	Ball Socket	140
TSG150907	28.00	12.00	Ball Socket	Ball Socket	148
TSG159008	28.00	16.00	Ball Socket	Ball Socket	106

Part #	Extended Length (Inches)	Compressed Length (Inches)	Rod End Fitting	Tube End Fitting	Force (lbs.)
TSG459020	7.00	2.00	Ball Socket	Ball Socket	76
TSG459008	7.50	5.50	Ball Socket	Ball Socket	20
TSG459009	7.50	5.50	Ball Socket	Ball Socket	40
TSG459010	7.50	5.50	Ball Socket	Ball Socket	80
TSG459021	10.00	6.50	Ball Socket	Ball Socket	48
TSG459022	10.00	6.50	Ball Socket	Ball Socket	83
TSG459003	10.00	7.00	Eyelet	Eyelet	60
TSG459004	10.00	7.00	Eyelet	Eyelet	20
TSG459006	10.00	7.00	Eyelet	Eyelet	80
TSG459011	10.00	7.00	Ball Socket	Ball Socket	40
TSG459019	10.00	7.00	Ball Socket	Ball Socket	174
TSG459014	10.00	6.00	Ball Socket	Ball Socket	63
TSG459015	10.00	6.00	Ball Socket	Ball Socket	80
TSG459024	11.00	7.00	Ball Socket	Ball Socket	36
TSG459025	11.00	7.00	Ball Socket	Ball Socket	75
TSG459023	11.00	7.00	Ball Socket	Ball Socket	31
TSG459016	11.00	6.00	Ball Socket	Ball Socket	35
TSG459017	11.00	6.00	Ball Socket	Ball Socket	25
TSG459026	12.00	7.00	Ball socket	Ball Socket	42
TSG459002	12.00	8.50	Ball Socket	Ball Socket	25
TSG459005	12.00	8.50	Ball Socket	Ball Socket	54
TSG459013	13.00	7.00	Ball Socket	Ball Socket	30
TSG459018	13.00	8.00	Ball Socket	Ball Socket	35
TSG359040	14.00	8.50	Ball Socket	Ball Socket	65
TSG459028	14.00	8.50	Ball Socket	Ball Socket	131
TSG359005	14.50	9.50	Ball Socket	Ball Socket	40
TSG359009	14.50	9.50	Ball Socket	Ball Socket	50
TSG359017	14.50	9.50	Ball Socket	Ball Socket	100
TSG359024	14.50	9.50	Ball Socket	Ball Socket	30
TSG459029	15.00	9.00	Eyelet	Eyelet	36
TSG459030	15.00	9.00	Ball Socket	Ball Socket	33
TSG459031	15.00	9.00	Ball Socket	Ball Socket	41
TSG359038	15.00	9.00	Ball Socket	Ball Socket	48
TSG359039	15.00	9.00	Ball Socket	Ball Socket	72
TSG459034	15.00	9.00	Ball Socket	Ball Socket	143
TSG359007	15.00	9.50	Ball Socket	Ball Socket	20
TSG359008	15.00	9.50	Ball Socket	Ball Socket	40

