

## Tools needs:

Breaker Bar, Drive Socket Set, Torque Wrench, Jack Stand, Lift, Wheel Stop, Safety Goggle, WD-40

## Installed Vehicles (see page 3 & 4)

Installed Vehicle	Installed Model Number
2019 Chevrolet Colorado 2x4	UB1+UB2 with ZBS-U bracket (Optional Z1-UBS U bracket needed)
2015 Mercedes Springer 2500	UB13
2013 Ram Promaster 1500	UB1223



## Installation Procedure:

1. Jack up the vehicle, measured the distance between frame and leaf springs. This case the measurement is 5.5" (Ref. to 1)
2. Install similar height as Original Bump Stops, Model UB1+UB2, drive soft, but more support when heavier load (touching the bump stops)
3. Customers with constantly heavy load suggest choosing UB13, UB123 or UB1223 to support more to vehicle suspension over stress.
4. Remove Original Factory Bump Stops (Ref. to 4)



*Skip this step if you have UB13(S)/UB123 (S)/UB123(S)*

5. Applying Included Rubber Glue to each male and female interlocking grooves.
6. Push two modules with heavy force into one piece.
7. Make sure, the interlock grooves are completely joined, no gap



8. Choose one screw to fit your vehicle with optional ZBS-U U-bracket. (Ref. to 8-1)  
 Make sure screw complete into UBS body.  
 45mm screws were used in this installation. (Ref. to 8-2)
9. *Skip this step if your installation does not require ZBS-U bracket.*  
 Install the optional universal U-bracket (ZBS-U) into the bump stops with included nuts. (Ref. to 9-1)



Tight two regular nuts on the screw first then use jam nut to tighten the bracket on bump stop. (Ref. to 9-2)



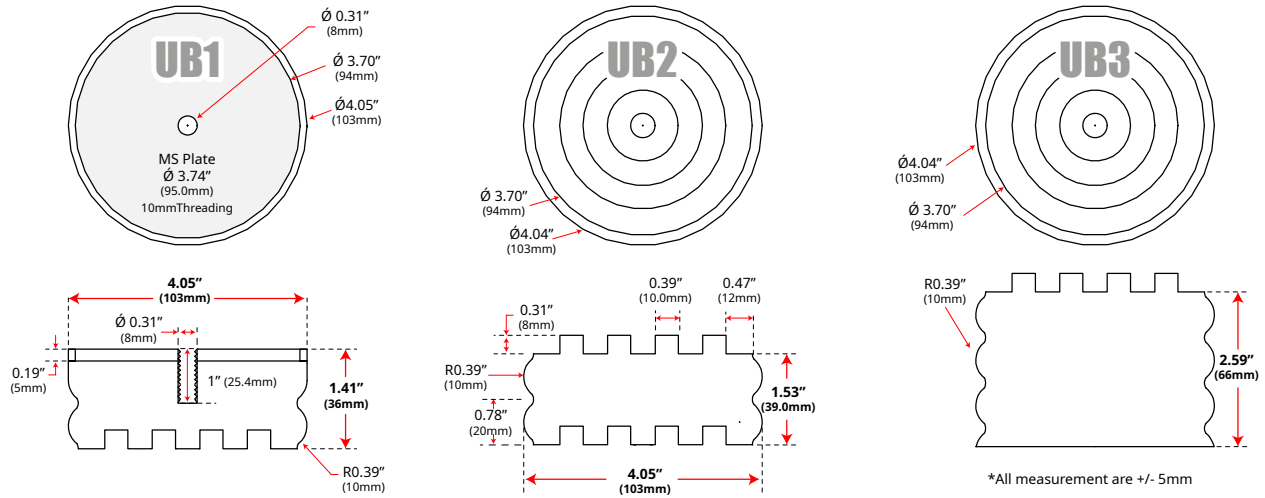
# Modular Universal Rubber Bump Stops - Specifications

Vehicle Type : Motor Home RV or Truck Suspension Enhancement

Model	UB1	UB2	UB3
Qty	Pair	Pair	Pair
Shore A Hardness	65	60	55
Material	Nature Rubber	Nature Rubber	Nature Rubber
Support Weight/pair	6000lbs	6000lbs	6000lbs
Dimension	1.41"H x4" Diag.	1.85"H x4"Diag.	2.91"H x 4"Diag.
Interlock Depth	0.315"	0.315"	0.315"

## Module Combination Height

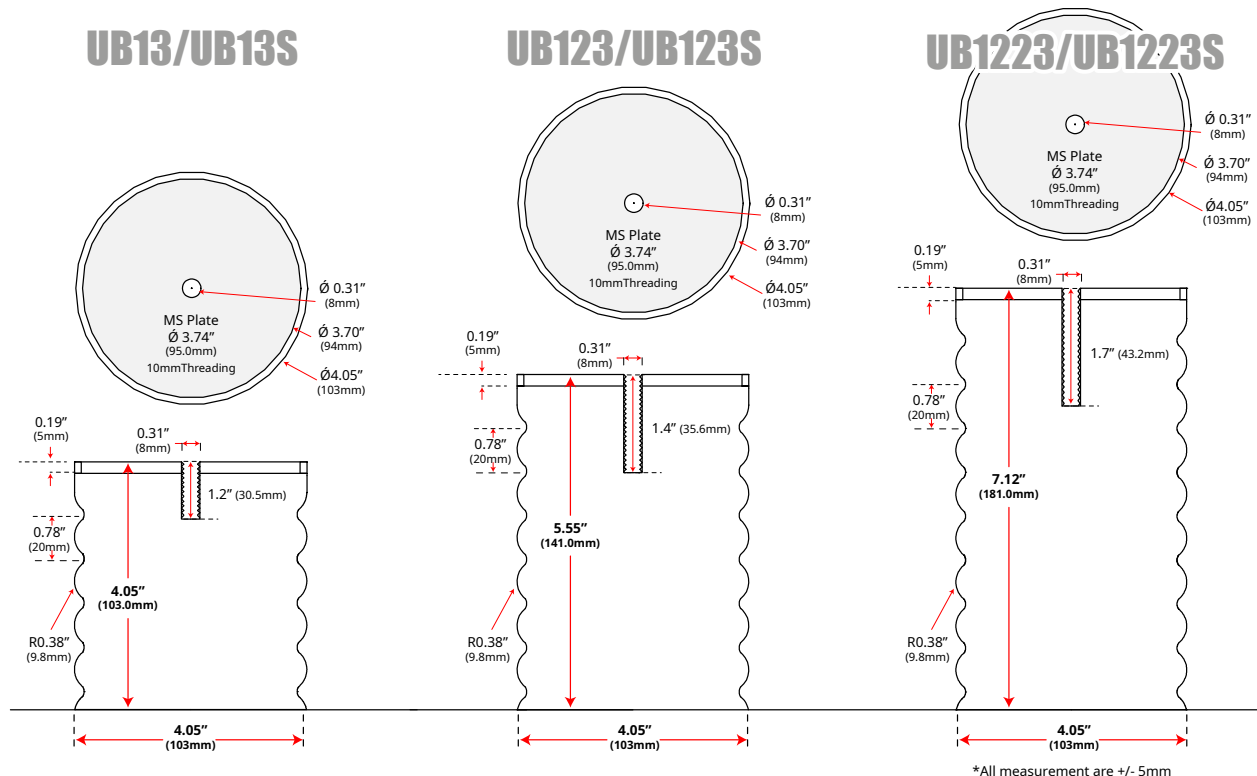
Module Combination (make sure interlock insert)	Total Height
UB1+UB3	4" (102mm)
UB1+UB2+UB2	4.47" (114mm)
UB1+UB2+UB3	5 -5/8" (143mm)
UB1+UB2+UB2+UB3	7-1/8" (181mm)



# Universal Rubber Bump Stops - Specifications

Vehicle Type : Motor Home RV or Truck Suspension Enhancement

Model	UB13	UB13S	UB123	UB123S	UB1223	UB1223S
Qty	Pair	Single	Pair	Single	Pair	Single
Shore A Hardness	60		60		60	
Material	Natural Rubber		Natural Rubber		Natural Rubber	
Support Weight (pc/pair)	4500/9000lbs		4500/9000lbs		4500/9000lbs	
Dimension	4.05"H x4"Diag		5.55"H x4"Diag		7.12"H x4"Diag	



## Installed Vehicles

### ■ 2019 Chevrolet Colorado

Replaced The Factory Front Bump Stops with UB1+UB2 with ZBS-U bracket. Total height 2.88"



Factory Bump Stops vs. UB12 2019 Chevrolet Colorado



Factory Bump Stops



Universal Rubber Bump Stops UB12



Universal Rubber Bump Stops UB123S

### ■ 2013 Ram Promaster 1500

Replaced The Factory Front Bump Stops with UB123.



Factory Bump Stops & UB123 Rubber Bump Stop



■ 2015 Mercedes Benz Springer 2500 (2016 Roadtrek SS Agile)

Replaced The Factory Front Bump Stops with UB1+UB3.



Factory Bump Stops & UB1 + UB3 Rubber Bump Stop

