

## Be One With the Truck

HappiJac's innovative, patented Tie Down systems combine truck frame strength with sophisticated engineering principles to create an I-beam truss structure that effectively makes your camper an integral part of the truck. While other tie downs may "hold your camper down," only HappiJac Tie Downs prevent camper movement in all directions.

- Prevents camper movement in all directions (forward-backward, up-down, left-right, yaw, pitch and roll)
- Eliminates leverage and stress forces on the truck
- Patented, time-tested design makes your camper an integral part of the truck

## Direct-to-Frame Tiedowns

Direct-to-Frame Tie Down Component - (A)	Direct-to-Frame	PN #	price
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**FT Kit**  
(now includes centering guides)



FT-UT9 shown



DF-TT07 shown

CHEVY / GMC	Direct-to-Frame	PN #	price
2015 - 2017 Chev/GMC Silverado/Sierra (all)	FT-CG14 <sup>1</sup> (350763)	XXXXX	\$XX.XX
<b>2014 Chev/GMC Silverado/Sierra 1500 (with step bumper)</b>	<b>FT-CG14 <sup>1</sup> (350763)</b>	XXXXX	\$XX.XX
2007 - 2014 Chev/GMC Silverado/Sierra (except extended cab & 2014 1500 Series)	FT-CG07S <sup>1,3</sup> (182905)	XXXXX	\$XX.XX
<b>2007 - 2013 Chev/GMC Silverado/Sierra (extended cab ONLY)</b>	<b>FT-CG07 <sup>1,3</sup> (182904)</b>	XXXXX	\$XX.XX
1999 - 2007 Chevrolet Silverado Classic	FT-CG9 <sup>1</sup> (182906)	XXXXX	\$XX.XX
<b>1999 - 2007 GMC Sierra Classic</b>	<b>FT-CG9 <sup>1</sup> (182906)</b>	XXXXX	\$XX.XX
1988 - 2000 C/K Series (old body style)	FT-UT9 <sup>1</sup> (182910)	XXXXX	\$XX.XX
DODGE			
2010 - 2017 Ram 2500,3500 (except "Ram Box" or short bed dually)	FT-DR10 <sup>5</sup> (236326)	XXXXX	\$XX.XX
<b>2009 - 2017 Ram 1500 (except "Ram Box" or short bed dually)</b>	<b>FT-DR10 <sup>5</sup> (236326)</b>	XXXXX	\$XX.XX
2008 - 2009 Ram (w/bed front panel waffle iron pattern)	FT-DR8 <sup>5</sup> (205220)	XXXXX	\$XX.XX
<b>2003 - 2008 Ram (w/bed front panel vertical ribs only)(Including 2002 Ram 1500)</b>	<b>FT-DR2 <sup>2</sup> (182908)</b>	XXXXX	\$XX.XX
1994 - 2002 Ram (except 2002 Ram 1500)	FT-UT9 <sup>1</sup> (182910)	XXXXX	\$XX.XX
<b>2002 Ram 1500</b>	<b>FT-DR2 <sup>2</sup> (182908)</b>	XXXXX	\$XX.XX
FORD			
2008 - 2016 F450 SuperDuty	FT-UT9 <sup>1</sup> (182910)	XXXXX	\$XX.XX
<b>1997 - 2016 F250 SuperDuty &amp; F350</b>	<b>FT-UT9 <sup>1</sup> (182910)</b>	XXXXX	\$XX.XX
1980 - 1996 F Series (all)	FT-UT9 <sup>1</sup> (182910)	XXXXX	\$XX.XX
2017 F Series	Coming Soon		
TOYOTA			
2007 - 2017 Tundra (6 1/2' bed only)	DF-TT07 <sup>4</sup> (184089)	XXXXX	\$XX.XX

Turnbuckle Component - (B)	component number	PN #	price
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**Stabilizing Bars - (C)**



Qwik-Load stainless steel turnbuckle set (2 FM-QLTBS & 2 FM-QLTBR)	FM-QLTB (182895)	XXXXX	\$XX.XX
<b>Stainless steel turnbuckle set (2 FM-TBS &amp; 2 FM-TBR)</b>	<b>FM-TB (182898)</b>	XXXXX	\$XX.XX
Qwik-Load lever action turnbuckle upgrade	FM-QL (182894)	XXXXX	\$XX.XX

59.25" Stabilizing bar (use with FT-UT9, CG9, CG07, CG07S)	USB-010 (182971)	XXXXX	\$XX.XX
<b>57.375" Stabilizing bar (use with FT DR2)</b>	<b>SB-020 (182928)</b>	XXXXX	\$XX.XX
56.875" Stabilizing bar (use with FT-DR8 & FT-DR10)	SB-080 (205221)	XXXXX	\$XX.XX
<b>69" Stabilizing bar (use with CA-UT8: 1980 - 98 Ford)</b>	<b>SB-150 (182930)</b>	XXXXX	\$XX.XX
66.75" Stabilizing bar (use with CA-DRL: 1994 - 2002 Dodge Ram)	SB-200 (182931)	XXXXX	\$XX.XX

<sup>1</sup> Stabilizing Bar USB-010 Required, sold separately. <sup>2</sup> Stabilizing Bar SB-020 Required, sold separately. <sup>3</sup> Includes FM-CBB07. <sup>4</sup> Does not require Stabilizing Bar. <sup>5</sup> Stabilizing Bar SB-080 Required, sold separately. <sup>6</sup> Bumper Brace Recommend, sold separately.

## Camper Anchor Tie Downs

NOTE: With the exception of the CA-FD4 & CA-FD7 for late model Ford F150 series, the older style "CA" prefix camper tie downs listed below do not contain a frame mount component and were designed for use on older truck models prior to 1999. In the few instances where either a "CA" and an "FT" model will fit, the "FT" is always the best option, and must be used if the truck is an extended or crew cab model, or the camper's dry weight is more than 2,500 pounds.

Camper Anchor Tie Downs	camper anchor tie downs	PN #	price
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CHEVY / GMC	camper anchor tie downs	PN #	price
1973 - 1987 C/K Series	CA-CG3 (182853)	XXXXX	\$XX.XX
<b>1967 - 1972 C/K Series</b>	<b>CA-FU (182862)</b>	XXXXX	\$XX.XX
1973 - 2011 S-10, S-15, Canyon & Colorado	CA-UR <sup>7</sup> (182866)	XXXXX	\$XX.XX
DODGE			
1994 - 2002 Ram (Except 2002 Ram 1500)	CA-DRL <sup>9</sup> (182858)	XXXXX	\$XX.XX
<b>1991 - 1993 Ram</b>	<b>CA-FU <sup>8</sup> (182862)</b>	XXXXX	\$XX.XX
1972 - 1990 Ram	CA-FU (182862)	XXXXX	\$XX.XX
FORD			
2004 - 2014 F150	CA-FD4 (182860)	XXXXX	\$XX.XX
<b>2004 F150 Heritage</b>	<b>CA-FD7 (182861)</b>	XXXXX	\$XX.XX
1997 - 2003 F150 & F250 under 8500 gvw (except crew cab)	CA-FD7 (182861)	XXXXX	\$XX.XX
<b>1966 - 1979 F-Series (except 1979 F350 w/ side tire)</b>	<b>CA-FU (182862)</b>	XXXXX	\$XX.XX
2013 and earlier Ranger	CA-UR <sup>7</sup> (182866)	XXXXX	\$XX.XX
TOYOTA			
1989 - 2017 Toyota (only with campers under 1500 lbs.) (except Tundra)	CA-UR <sup>7</sup> (182866)	XXXXX	\$XX.XX
<b>1988 and earlier Toyota</b>	<b>CA-MT (182864)</b>	XXXXX	\$XX.XX
ISUZU			
1989 - 2008 Isuzu	CA-UR <sup>7</sup> (182866)	XXXXX	\$XX.XX
<b>1988 and earlier Isuzu</b>	<b>CA-MT (182864)</b>	XXXXX	\$XX.XX
MAZDA			
1994 - 2008 Mazda	CA-UR <sup>7</sup> (182866)	XXXXX	\$XX.XX
<b>1993 - and earlier Mazda</b>	<b>CA-MT (182864)</b>	XXXXX	\$XX.XX
NISSAN			
1998 - 2016 Nissan	CA-UR <sup>7</sup> (182866)	XXXXX	\$XX.XX
<b>1997 - and earlier Nissan</b>	<b>CA-MT (182864)</b>	XXXXX	\$XX.XX

<sup>7</sup> Requires 4 ea, (sold individually). <sup>8</sup> Requires FK-DAK Fit Kit (sold separately). <sup>9</sup> Stabilizing Bar SB-200 recommended, sold separately.

Parts, Fit Kits & Accessories	component number	PN #	price
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CA-UR shown



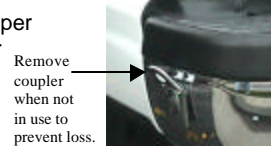
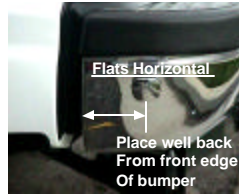
FM-QLTBR

Universal Rear Anchor	CA-UR (182866)	XXXXX	\$XX.XX
<b>Chrome Anchor Bolt (Including Hardware)</b>	<b>CA-AB (182852)</b>	XXXXX	\$XX.XX
Chrome Coupler	CA-TC (182865)	XXXXX	\$XX.XX
<b>Front Centering Guide Locks (includes 2 rollers and 2 bumpers)</b>	<b>FM-FGL9 (182892)</b>	XXXXX	\$XX.XX
Front Anchor Plates (Set of 2)	FA-UT9 (182876)	XXXXX	\$XX.XX
<b>Front Anchor Plates (Set of 2)</b>	<b>FA-CG9 (182872)</b>	XXXXX	\$XX.XX
Front Anchor Plates (Set of 2)	FA-CG07 (182870)	XXXXX	\$XX.XX
<b>Front Anchor Plates (Set of 2)</b>	<b>FA-CG07S(182871)</b>	XXXXX	\$XX.XX
Dodge Adapter Kit	FK-DAK (182880)	XXXXX	\$XX.XX
<b>Centering Guide Lock Spacer Kit for 1999+ Ford with tail light - camper interference</b>	<b>FK-GBS (182883)</b>	XXXXX	\$XX.XX
Replacement Fit Kit for FT-CG07/CG07S	FK-CG07 (182877)	XXXXX	\$XX.XX
<b>Replacement Fit Kit for FM / FT-UT9</b>	<b>FK-UT9 (182884)</b>	XXXXX	\$XX.XX
Replacement Fit Kit for FM / FT-CG9	FK-CG9 (182878)	XXXXX	\$XX.XX
<b>Bumper Brace (2008-2014) F350 &amp; F350 Super Duty</b>	<b>FM-BB08 (253561)</b>	XXXXX	\$XX.XX
Bumper Brace (1999 - 2007 F250 SuperDuty & F350)	FM-BB9 (182885)	XXXXX	\$XX.XX
<b>Bumper Brace (2007 - 2014 Chev/GMC)</b>	<b>FM-CBB07 182887</b>	XXXXX	\$XX.XX
Qwik-Load Front spring-loaded turnbuckle w/11" threaded hook (1 ea.)	FM-QLTBS 182897	XXXXX	\$XX.XX
<b>Front spring-loaded turnbuckle w/11" threaded hook (1 ea.)</b>	<b>FM-TBS (182901)</b>	XXXXX	\$XX.XX
Qwik-Load Rear stress-guard turnbuckle w/24" threaded hook (1 ea.)	FM-QLTBR 182896	XXXXX	\$XX.XX
<b>Rear stress-guard turnbuckle w/24" threaded hook (1 ea.)</b>	<b>FM-TBR (182900)</b>	XXXXX	\$XX.XX
11" threaded hook (zinc plated -1 ea.)	TBH-11 (149813)	XXXXX	\$XX.XX
<b>24" threaded hook (zinc plated -1 ea.)</b>	<b>TBH-24 (149814)</b>	XXXXX	\$XX.XX

## REAR ANCHOR INSTALLATION

**NOTE:** Rear anchors are installed in the end of the bumper. There is no precise mounting location since a variety of bumpers may be installed. The general guidelines are as follows:

1. Mounting location should be as flat & vertical as possible.
2. Be sure no moldings or bumper caps interfere with the removable coupler.
3. Check back side of selected mounting location to ensure adequate access for tightening nut.
4. Choose a location as far back as possible from the front edge of bumper while giving consideration to the other criteria listed above and center punch and drill a 1/8" pilot hole, then enlarge to 1/2".  
Install Anchor Bolt with 2" fender washer, lock washer & nut.  
**Flat edges of Anchor Bolt must be horizontal.**



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**HAPPIJAC**<sup>®</sup>  
A Division of Lippert Components Inc.

Frame Mount  
Camper Tiedown System

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## Models: FT-UT9 & FT-CG9

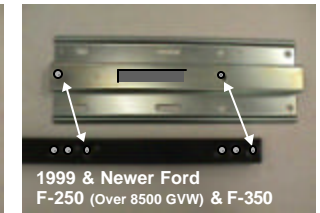
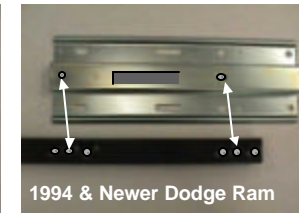
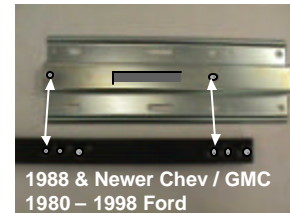
### **IMPORTANT: READ THESE INSTRUCTIONS COMPLETELY BEFORE BEGINNING:**

Installation of this camper tiedown system is similar for all truck models. However, while the basic steps are the same, the details vary from truck to truck. Read instructions completely and note correct installation options at each step for the truck on which tiedown are being installed. These instructions will show installation of one side only. Both sides install identically.

## FRONT ANCHOR INSTALLATION

**STEP 1 – [Hardware Kit A]** Attach both backing (guide) plates to stabilizer bar. Using #10 x 3/4" sheet metal screws. See diagrams below for specific locations.

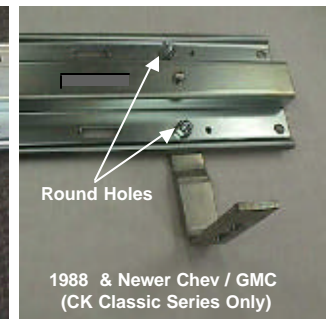
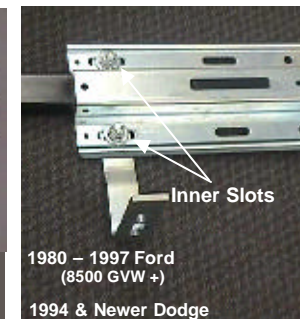
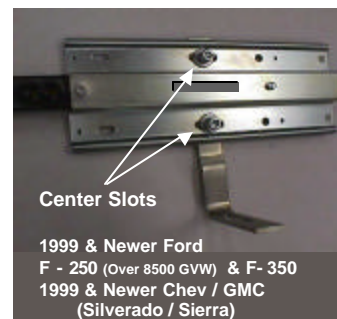
**Note:** The 4 large **round** holes in guide plate must be to the outer ends of the assembly at both ends.



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A Division of Lippert Components Inc.

**STEP 2 – [Hardware Kit C]** Attach frame brace to backing plate by inserting the flat head, square shouldered plow bolts through the countersunk hole in frame brace and securing with flat washer, split lock washer and nut. See diagrams below for specific locations.

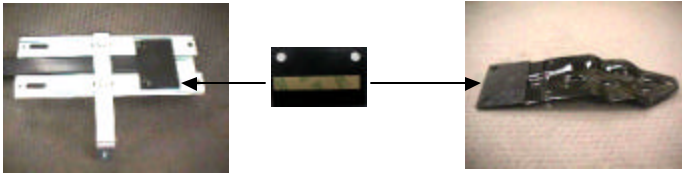
**Note: Do not tighten the nuts at this time. They will be tightened at a later step.**





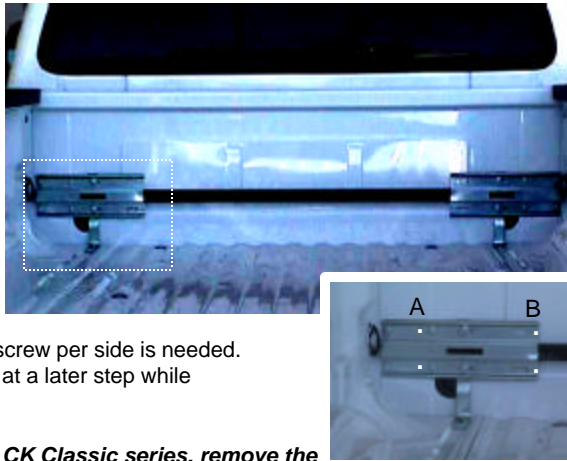
**STEP 2a – [This step applies only to FM-CG9 & FT-CGL Installation]**

(All others skip to step 3.) Remove the white backing from the double sided adhesive strips provided and attach to plastic spacers as shown. Remove brown backing and attach plastic spacers to guide plates and black anchor plates at locations shown. The adhesive will hold the spacers in place during installation.



**STEP 3 – [Hardware Kit B]**

Center the assembly against front wall of truck. Select the screw location (A or B) where the silver/gray guide plate fits tightest against the front wall. Drill a 3/32" pilot hole for the sheet metal screw at best locations. Note: These screws are used to hold the assembly in place while drilling the mounting holes for the anchor plates. **It is a good idea to put a piece of wood between the bed and cab to prevent drill bit from striking the cab.** Generally only one screw per side is needed. Screws in position A must be removed at a later step while screws in position B may stay in place.



**IMPORTANT:**

**On the 1988 And newer Chev / GMC CK Classic series, remove the frame brace "L" shaped brackets from the guide plate before securing the sheet metal screws. They will be reattached later.**

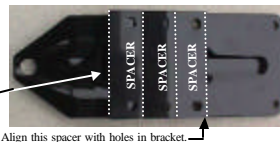
**STEP 4 - SPACER INSTALLATION**

Use double side adhesive strips to attach spacers at locations shown to back (non printed side) of brackets and/or guide plates)

**Chev/GMC:**

1973 - 2000 CK Series

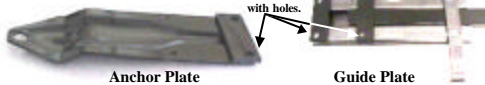
Set at edge where bracket bends outward. Orientation of holes does not matter. These 3 spacers held in place by pressure when tie-downs are drawn tightly in place.



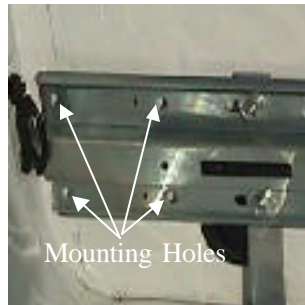
Align this spacer with holes in bracket.

**Dodge:** 1994 - 2001 Ram (Except 2001 Ram 1500)

Align spacers with holes.



**STEP 5 –** Drill four 7/16" holes through guide plate and bed front wall using the four large round holes as a drill guide. These holes align with the threaded holes in the black anchor plate.



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**STEP 6 – [Hardware Kit B]**

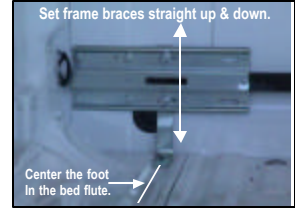
Remove board from between bed & cab and insert black anchor plate, then start (do not tighten) all 4 bolts through guide plate into threaded holes in black anchor plate.



Hint: The bolts will start easier if prior to installation on truck, you run the bolts through the threaded holes in the anchor plate to clear out paint.

**If installing on Chev/GMC CK Series truck, also reinstall L frame brace as shown in photo at bottom of page 1.** Once all bolts are started remove the screw in position A or B (if used) then tighten all 4 bolts.

**STEP 7 –** Set the "L" shaped frame braces straight up and down with the foot centered in the bed flute, then tighten the nuts holding the frame brace to the guide plate.



**STEP 8 – [Hardware Kit D]**

Drill 3/8" dia. Hole through frame brace foot, bed, and frame/bed cross member at location shown.

Be careful to follow correct instructions for your specific make and model of truck.

Make sure drill is as vertical as possible in all directions.

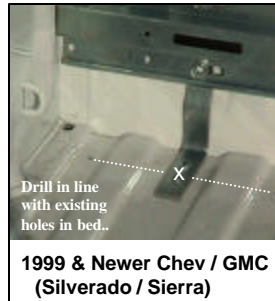


Drill in line with center of bed bolt. (Same distance from front wall)

1999 & Newer Ford F-250 (Over 8500 GVW) F-350

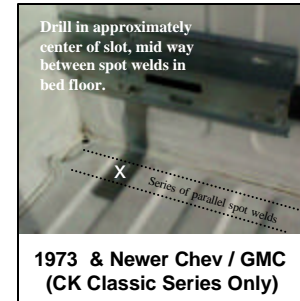


1980 – 1996 F-Series All 1997 F-250 (Over 8500GVW) 1997 F-350



Drill in line with existing holes in bed.

1999 & Newer Chev / GMC (Silverado / Sierra)



Drill in approximately center of slot, mid way between spot welds in bed floor.

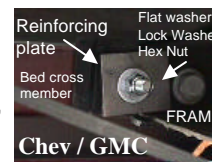
1973 & Newer Chev / GMC (CK Classic Series Only)



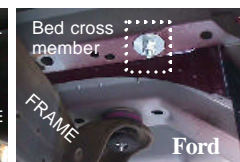
Drill through hole in bottom of Tiedown Access port.

1994 & Newer Dodge

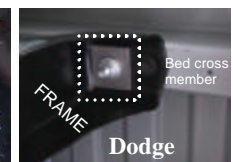
**STEP 9** Insert 5 Carriage bolt through hole and secure from beneath truck with reinforcing plate, flat washer, lock washer & hex nut.



Chev / GMC



Ford



Dodge

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