

JUNKYARD DOG RESCUE STRUTS

For more than 15 years, Junkyard Dog Rescue Struts have proven to be an essential 1st-in stabilization tool for thousands of departments and are trusted by a network of Distributors spanning across North America.

BETTER VEHICLE STABILIZATION THAT LEADS TO SAFER OPERATIONS IS WHAT THE JUNKYARD DOG RESCUE STRUT FAMILY IS ALL ABOUT.

These simple, self-contained, lightweight rescue struts work on the "tension buttress" principal for quick and secure deployment when you need it most. Junkyard Dog Rescue Struts are lightweight, ranging from 19 lbs. to 32 lbs., and come in two styles, each available in a variety of sizes to accommodate your department's needs.

SAFE, EFFECTIVE, AND EFFICIENT STABILIZATION FOR TODAY'S MVC.

WHAT'S THE DIFFERENCE IN JUNKYARD RESCUE STRUT STYLES?



THE ZSTRUT STYLE

The ZSTRUT Style Rescue Struts deployment method replaces the pin-placement system with a proprietary quick-locking collar that makes it easier than ever. The ZSTRUT is extended like this: Simply pull up on the head and the threaded rod "zips" out of the square tube. When you stop pulling, it automatically locks in place. If you require incremental adjustments in height and/or tension, simply rotate the collar, and the threaded rod moves accordingly. To retract the extension, just pull up on the collar, the threaded rod is released and can be dropped back into the outer tube.

THE XTEND STYLE

The XTEND Style Rescue Struts deployment method is just as simple but uses the known pin-placement system. The XTEND Style strut uses heavy-duty, quality, stainless-steel aircraft quality Locking Adjustment "T" Pins for quick and secure deployment.



**SELF
CONTAINED**

With Junkyard Dog Rescue Struts, your department gets a completely self-contained strut that gives your crew a vehicle stabilization system that's easier to deploy for safer, more effective, and more efficient vehicle stabilization with fewer personnel. All components fit into its accessory bag attached directly to the strut, ensuring that a rescuer has everything they need to deploy the strut without returning to the fire apparatus. After deployment, the accessory bag is a repository for excess ratchet straps to eliminate any tripping or entanglement hazard.



**COMPACT &
PORTABLE**

Portable, compact, and self-contained, easily store your struts anywhere for rapid deployment. The base plate can pivot 180 degrees while the built-in attachment ring, or clevis, folds flat for more accessible storage. The accessory bag is intentionally sized to conform with the base plate, not to extend further, making compartment-mounting simple. PAC mounts made specifically for Junkyard Dog Struts are part of the Junkyard Dog product line and available from all authorized distributors.



**MADE IN
THE USA**

Junkyard Dog Rescue Struts are quality, American-made products. All included straps are Berry Compliant, 100% made in the USA, and made with strength and vigor in mind for some of the most formidable military applications. Junkyard Dog Rescue Strut's new straps are engineered with enhanced durability to keep a strong, tight grip over the load with maximum wear resistance, helping to make the securement job easier- all while meeting and exceeding several additional industry standards. Each Strap has a 1300 lb. (WLL) (3335 lb. WLL for Heavy Duty Strut) with a 3:1 safety factor.



**KEEPING
BOTH
PATIENTS &
RESCUERS
SAFER**

You don't have to worry about your crew's ability to stabilize the vehicle, regardless of its orientation, when your department invests in Junkyard Dog Rescue Struts. Using Junkyard Dog Rescue Struts as tensioned buttresses results in a wider vehicle "footprint" that decreases the likelihood of the vehicle tipping over during the extrication keeping both patients and rescuers safer.



**FEWER
FIREFIGHTERS
NECESSARY
TO DEPLOY**

Lightweight, independent, and with no complicated assembly, Junkyard Dog Rescue Struts are mission-built to allow even a single rescuer to stabilize a vehicle faster, better, and often far more easily than a team of rescuers with a truck full of cribbing and connectors. This leaves remaining rescuers available to engage in other critical vehicle extrication tasks (e.g., hazard control, deployment, and operation of rescue tools, and providing patient care).



A BETTER WAY TO STABILIZE MODERN VEHICLE

In their pursuit of lighter, more aerodynamic automobiles, engineers began creating vehicles with more rounded body styles. Additionally, production technology and material advances have resulted in a vehicle that acts like a spring when it rolls or bounces. The best way to stabilize such a car is with tensioned buttresses. A buttress is simply a column (in this case, a strut) tipped over with its top anchored to the vehicle. Next, a tensioning device (ratchet strap) is used to pull the base of the strut towards the car, thereby applying an even force to the car in both a sideways and upward direction. Using struts as tensioned buttresses results in a broader vehicle "footprint" that decreases the likelihood of the car tipping over during the extrication keeping both patients and rescuers safer.



RATED TO DEPLOY WITH CONFIDENCE

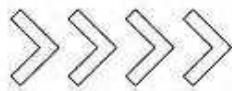
Rescuers can confidently deploy Junkyard Dog Rescue Struts, knowing that the struts have a safe working load limit of up to 5000 lbs. with a 2:1 safety factor (results of testing conducted by an independent third-party). The Heavy Duty Strut is rated at over 10,000 lbs. with a 2:1 safety factor at full extension



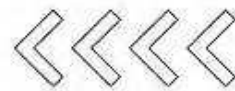
SIMPLE

Junkyard Dog Rescue Struts are intentionally engineered to be simple. Simple to store. Simple in design. Simple to train and Simple to deploy with no complicated assembly. It only takes one rescuer to carry two JYD Rescue struts, and a single rescuer can easily apply one strut. Junkyard Dog Rescue struts have proven, over and over, that in a vehicle rescue situation when time is critical, less equipment does do more.

FEATURES & BENEFITS



COMPONENTS



INTERCHANGABLE HEADS

Every Strut includes two removable heads: the Angled Head for inserting and gripping in angle positions up to 90 degrees and the Pointed Head for placing in available holes or created holes in sheet metal.

ANCHOR PICKET

The included Anchor Picket is attached to the strut using stainless steel locking pins to allow for quick deployment when applicable. The Anchor Picket can be removed and used to further stabilize the base when conditions are warranted, in the intentionally designed hole located in the base plate for securing the strut system on soft ground or off-setting side loading. The picket head is coated with a durable polymer coating.

CARRYING HANDLE

The Strut Carrying Handle is specifically engineered to carry the strut in a balanced position allowing for two struts to easily be carried by one individual. The handle is welded to the base of the strut, with the removable anchor picket built in and holding the accessory bag.

ACCESSORY BAG

Made of Vinyl coated polyester, the accessory bag is secured to the strut handle using Velcro and is included with every strut. It carries all accessories when not in use and is intentionally sized to conform with the base plate, not to extend further, making compartment-mounting simple.



RATCHET STRAP

Berry compliant, made in the USA, the Ratchet Strap is used to latch onto a component of the vehicle onto the Axle Strap or Floating Claw Hook and draws in the base gripping the ground and the vehicle maintaining tension and completing the support. The Ratchet Strap has a 1,300 lb. working load and a 4,000 lb. breaking strength. *floating claw hook attached*

FLOATING CLAW HOOK

The Floating Claw Hook can be used as a fastening point for the ratchet strap by placing it into an existing hole in the frame, around a structural component of the car, or by creating a hole in the metal structure by use of a step-bit. The ratchet strap can be doubled back for added strength.

AXLE STRAP

Berry compliant, made in the USA, the axle strap is used to lash onto a component of the vehicle with a single round turn, multiple wraps, a "girth" hitch or by using the attached claw hook. The axle strap has a 1,300 lb. working load and a 4,000 lb. breaking strength. *Floating claw hook attached*

CLEVIS

The built-in attachment ring swivels on a grade 8 bolt with a locking nut to ensure contact with the ground and allows the pass-through of multiple strap hooks. Folds flat for easier storage.

BASE PLATE

The body of the strut is mounted on a base plate capable of pivoting 180 degrees for proper positioning and convenient storage.

PRODUCT	Retracted Length	Maximum Extension	Weight	WLL	Safety Factor	WLL Ranges	Includes
XTEND XTEND - Small	27 inches	42 inches	19 lbs.	5,000 lbs.	2:1	FULL EXTENSION	Accessory Bag, Ratchet strap with floating claw hook, Axle strap with floating claw hook, Angled head, Witches hat head and Picket included with each strut The Heavy Duty Strut comes with a larger accessory bag containing all accessories.
XTEND - Medium	39 inches	64 inches	24 lbs.	5,000 lbs.	2:1	MID EXTENSION	
XTEND - Large	51 inches	81 inches	27 lbs.	5,000 lbs.	2:1	MID EXTENSION	
XTEND - HD	51 inches	81 inches	37 lbs.	10,000 lbs.	2:1	FULL EXTENSION	
ZSTRUT ZSTRUT - Small	27 inches	42 inches	24 lbs.	5,000 lbs.	2:1	FULL EXTENSION	
ZSTRUT - Medium	39 inches	64 inches	29 lbs.	5,000 lbs.	2:1	MID EXTENSION	
ZSTRUT - Large	51 inches	81 inches	32 lbs.	5,000 lbs.	2:1	MID EXTENSION	
Kinedyne Ratchet Strap	N/A	10 feet	-	1,300 lbs.	3:1	-	Floating Claw Hook
Kinedyne Axle Strap	N/A	2 feet	-	1,300 lbs.	3:1	-	
Kinedyne Ratchet Strap *Heavy Duty*	N/A	10 feet	-	3,330 lbs.	3:1	-	
Kinedyne Axle Strap *Heavy Duty*	N/A	2 feet	-	3,330 lbs.	3:1	-	

SETS VS SYSTEMS

RESCUE STRUT SETS

All Junkyard Dog Rescue Struts are sold as a set of two. All Strut sets come with X2 Struts, X2 Point Heads, X2 Angled Heads, X2 Accessories Pouches, X2 pickets, X2 Ratchet Straps with floating claw hooks, and X2 Axle Straps with floating claw hooks.

Rescue Strut Sets: **SMALL**
 XTEND Part #: JYD-XRS S
 ZSTRUT Part #: JYD-ZRS S

Rescue Strut Set: **MEDIUM**
 XTEND Part #: JYD-XRS M
 ZSTRUT Part #: JYD-ZRS M

Rescue Strut Set: **LARGE**
 XTEND Part #: JYD-XRS L
 ZSTRUT Part #: JYD-ZRS L

XTEND HD Heavy Duty Strut Set
 Part #: JYD-XHD L



RESCUE STRUT SYSTEMS

All Junkyard Dog Rescue Strut Systems consist of a combination of two sets in the size of your choice (x4 total struts).

SMALL + LARGE SYSTEM:
 Includes (x2) SM & (x2) LG
 ZSTRUT Part#: JYD-ZRS SYS
 XTEND Part#: JYD-XRS SYS

SMALL + MEDIUM SYSTEM
 Includes (x2) SM & (x2) MD
 ZSTRUT Part#: JYD-ZRS SMMD
 XTEND Part#: JYD-XRS SMMD

MEDIUM + LARGE SYSTEM
 Includes (x2) M & (x2) LG
 ZSTRUT Part#: JYD-ZRS MDLG
 XTEND Part#: JYD-XRS MDLG



STANDARD STRUT ACCESSORY BAG

A Strut Accessory Bag is included with each strut and holds the following:



HEAVY DUTY STRUT SET ACCESSORY BAG

Heavy Duty Strut Accessories for both struts included in a set are all located in a single, easy to carry shoulder Bag included with your purchase.

