

PROSPAN

T.A.S.S. OWNERS MANUAL



◆◆◆ WARNING ◆◆◆

The Prospan Telescoping Aluminum Support System is used for the angular support of motor vehicles involved in crashes as well as light structural applications. The Prospan product should only be used by those individuals trained in its use. All necessary safeguards shall be in place prior to installations and removals. If, at any time, a worker is unclear as to the requirements of the Prospan product, activities shall cease and competent instruction sought.

**PROSPAN MANUFACTURING COMPANY, INC.
ROSEMONT, ILLINOIS USA**

TOLL FREE: 888-413-8100 FAX: 847-698-3549

E-MAIL: prospanshoring@sbcglobal.net

TELESCOPING ALUMINUM SUPPORT SYSTEM

PRODUCT DESCRIPTION

One look at the TASS and you'll see quality throughout. The TASS is incredibly strong, it won't rust, it won't fall apart and there are no pins or tags to lose.

T.A.S.S., which stands for Telescoping Aluminum Support System, is made of anodized aluminum and stainless steel. The TASS is a 3-tiered telescoping system that is manually extended and then held in extension by tethered, stainless steel detent pins. The TASS, when used in conjunction with the Prospan base plate, ratchet strap and end adapters, enables rescue personnel to safely support objects whose stability is weakened or questionable. Stabilization should be accomplished prior to entry / rescue efforts. In doing so, a safer environment is created for both rescuer and victim alike.

STRENGTH

The TASS system boasts incredible strength. The University of Illinois at Champaign-Urbana, Illinois tested the TASS system and the following strengths were revealed: When fully extended the TASS' compression strength was 14,200 lbs. In the partially extended mode, the TASS had a compression strength of 42,400 lbs.

SIZES

The TASS system is available in two size ranges: 26-48" and 43-102".

FEATURES

- Knurled Easy-Grab Collars
- 6005, Anodized Aluminum
- Tethered, Stainless Steel Detent Ring Pins
- Heavy-Duty, 2" Ratchet Strap w/ Ring and Hook Cluster
- Cast Aluminum Base plate w/ Shoring Adapter
- Conical & V-shaped End Adapters

ALLOWABLE WORKING LOAD

At minimum, a 2:1 safety factor shall be adhered to at all times.

Fully extended at 2:1 = 7,100 pounds

Partially extended at 2:1 = 21,000 pounds

AXIAL LOADING ONLY (from the ends only)

The Prospan TASS has been designed to have its load applied to the ends of the TASS only. NEVER side-load the product.

INSTALLATION

The TASS struts are to be installed in conjunction with the system's base plates and ratchet strap assemblies. Prospan strongly recommends the TASS be placed in tandem (minimum of two TASS) on all vehicular stabilizations.

Prior to installing the TASS, the vehicle should be viewed from all 4-sides to determining the best placement of the system.



Once initial steps have been accomplished (placement of cribbing, etc.) the installer attaches the telescoping strut to its base plate and then inserts the desired end-attachment.

The TASS is then placed at the desired location near the vehicle and then telescoped to the required length. This is accomplished by; grasping the end-attachment and telescoping it towards the stabilization point on the vehicle.

Once the required length has been reached, the installer simply inserts the tethered detent ring pin through the piston hole that is closest to the smaller Easy-Grab collar. This will ensure that the TASS is held in extension.

- Should additional length be required, the installer simply grasps the smaller Easy-Grab collar and repeats the above procedure.

While holding the TASS' in position on the vehicle, the clawed end of the ratchet strap is secured to the base plate's 5/8" detent ring pin. The 20' running-end of the ratchet webbing is then attached to the vehicle's frame with the excess slack pulled through the ratchet mechanism.

The ratchet is then operated until the TASS has been securely drawn in towards the vehicle and vehicle stabilization has occurred.

***Prospan strongly recommends a minimum of two TASS
Be installed on all vehicle stabilizations.***

WARNING

Keep hands clear of the area between Easy-Grab collars. This is a crush point if the TASS were to slip out of the installer's hand. Gravity causes a rapid return of the pistons to the "bedded" position.

WARNING LABELS

Warning labels shall remain affixed to the product at all times alerting those using the product of the hazards involved. If the warning labels become damaged or unreadable, simply contact Prospan Manufacturing Co., Inc., and a replacement label.

DISCLAIMER

The Prospan product is for use by trained personnel only. Its applications are limited by the imagination of those installing it. The TASS is designed to support objects in the position in which they are found. Displacement of objects is extremely dangerous and should be avoided. Users of this product shall maintain, at minimum, a 2:1 safety factor.