

# CALIFORNIA GOLD PRODUCTS

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## HMMWV Specialists

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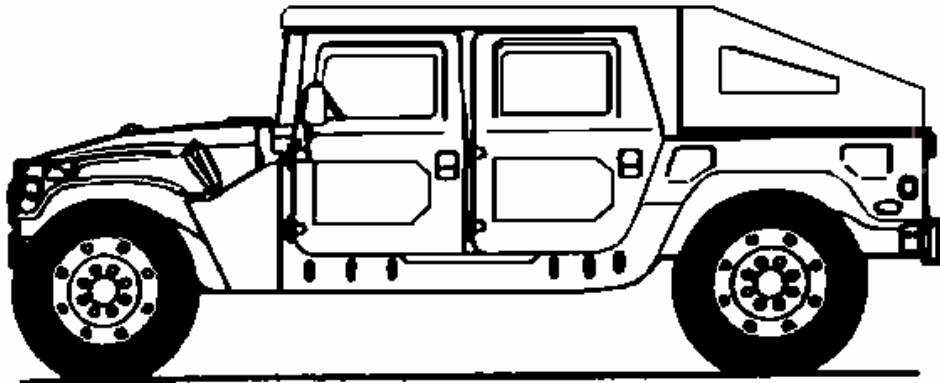
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SlantBack™  
WagonBack™  
Accessories  
Custom

**Glenn Harris**  
Owner



# SlantBack

TM

Civilian 4-Dr Hardtop  
SlantBack Installation

# **INTRODUCTION**

- **Removable**
- **Light Weight**
- **All Aluminum**
- **Weather Tight**
- **Easy to Install**
- **Secures Vehicle**
- **Lockable**
- **Modular**

This SlantBack kit is designed for civilian HMMWVs factory equipped with hard tops. The addition of the SlantBack will provide an attractive, weather tight, and secure storage area in the vehicle.

Your new *California Gold Products* HMMWV weather tight Top Kit includes the SlantBack, Rear Door, Widows and all the necessary hardware for installation. The easy to assemble Top Kit was designed to be easily taken on or off to meet prevailing weather conditions.

Inspect your Top Kit against the packing list enclosed. Should there be missing components call *California Gold Products* (805) 484-9408.

To speed up installation time match up the parts with related components before beginning installation.

# **PARTS**

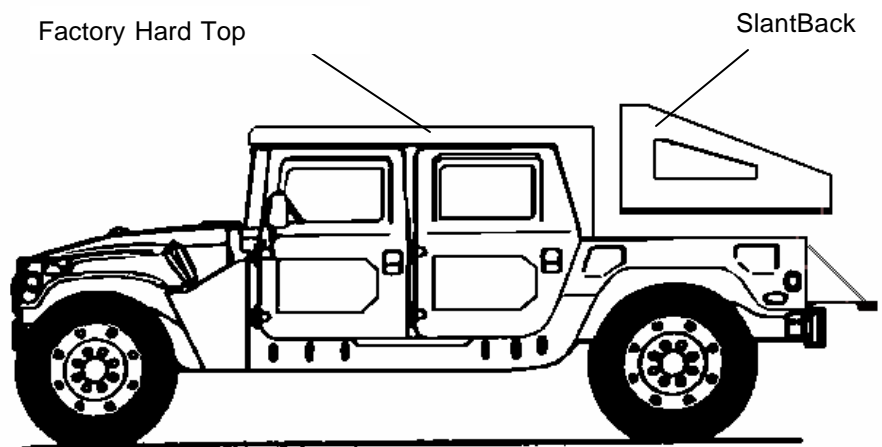
<b>Part #</b>	<b>Description</b>	<b>Quantity</b>
TKSB	SlantBack	1
TK5-1	AVK 5/16" nut insert	17
TKSB-1	SlantBack Door	1
TK5-5	Window, Side	2
TK5-6	Window, Rear	1
TK5-7	Latch	1
TK5-8	Latch Rod	2
TK5-9	Latch Guide	2
TK5-10	Lock	1
TK5-11	Hydraulic Door Lift	2
TK5-12	Hydraulic Door Lift Lower Mounting Bracket	2
TK5-13	Hydraulic Door Lift Upper Mounting Bracket	2
TK5-14	Hinge, Stainless	3
TK5-15	Latch Rod Cover	1
TK6	Weather Seal, Half-Round	1
TK7	Weather Seal, Flat	1

SBHP01	Hardware Pack:	
B516	5/16" x 1-1/4" Bolts	17
W516	5/16" Flat Washers	17
N516	5/16" Nyloc Nuts	2
N14	1/4"-20 Nuts	40
W14	1/4" Flat Washers	4
S8	10/32" x 1/4" Screws	42

## INSTALLATION

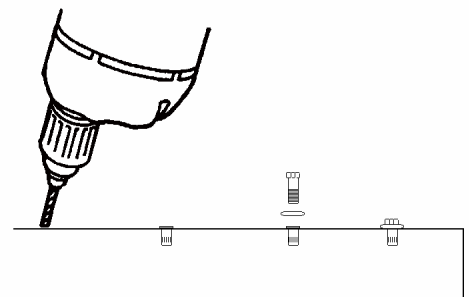
1) Open tail gate.

2) Temporarily set SlantBack onto open bed of vehicle (**Illustration 8**). Align holes in front edge of SlantBack to existing top. Mark mounting holes on both the SlantBack face and bottom edge of SlantBack. Allow 1/4" for weather seal to be added later. Remove SlantBack. Drill 1/4" holes where marked in back edge of existing top and in top of bed (**Illustration 2**). Use nut insert rivet tool to install supplied 1/4" AVK threaded insert into holes drilled.



**Illustration 1**

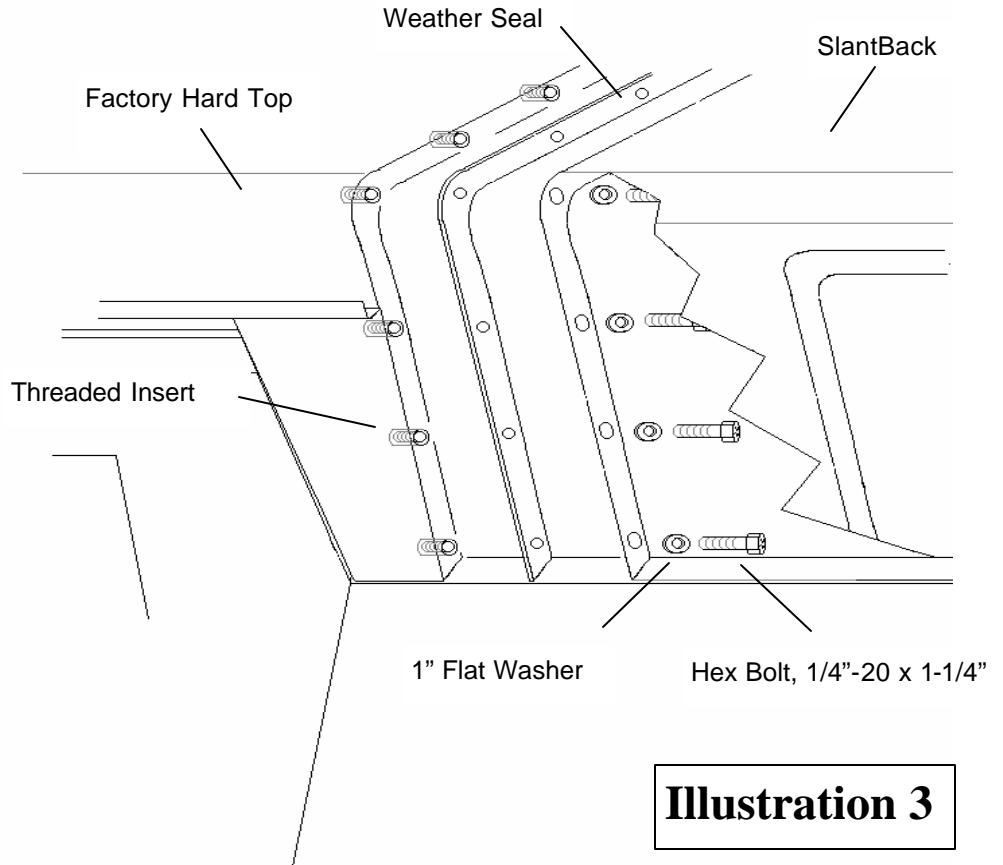
3) Cut to length and install half-round Weather Seal (TK6) onto bottom edge, and face of, SlantBack. Punch through Seal where mounting holes exists.



1. Use SlantBack mounting holes as guides.
2. Drill 3/8" holes.
3. Insert threaded insert.

**Illustration 2**

4) Install SlantBack by aligning mounting holes of SlantBack to threaded inserts previously installed (**Illustration 9**). Install with Flat Washer and 1/4"-20 x 1-1/4" Hex Bolt. Do not tighten yet.



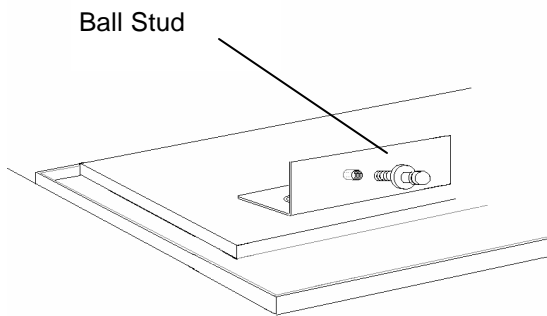
**Illustration 3**

5) Ensure top is properly aligned. Check along edges and tighten all 1/4" Bolts (on both front and bottom of SlantBack) to 7 ft. lbs.

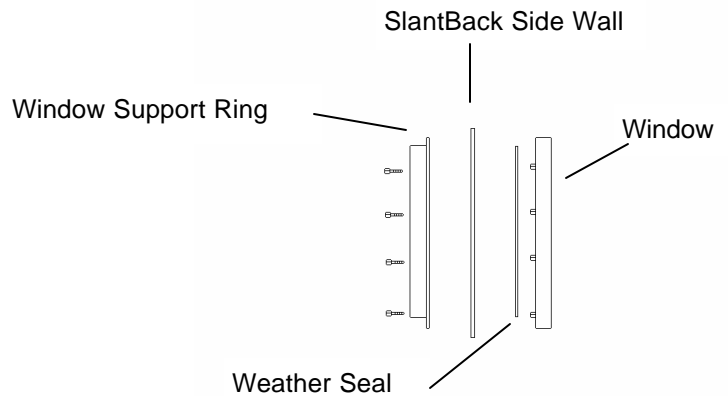
6) Install Ball Stud to SlantBack and to tab on upper edge of SlantBack Door (**Illustration 11**). The Ball Stud mounts into 5/16" nut insert.

7) Install Side Window (30-03) into SlantBack window opening (**Illustration 12**). First install window's 1/4-inch gasket material to the inside edge of window frame. Insert window/gasket assembly into opening. Install window gasket to interior window support ring and install assembly from inside SlantBack. Use 10/32" x 1-1/4" Phillips Head Screws provided and secure support ring to the window.

8) Repeat Steps 6 & 7 on opposite side of SlantBack.



**Illustration 4**



**Illustration 5**

**9) Repeat Side Window installation procedure for SlantBack Door Window (30-04).**

**10) Install Latch Guides (TKM5-9) to SlantBack door opening using Blank Head Bolt, Washer and Nut provided. Tighten assembly. (Illustration 6)**

**11) Install Latch Rod Guides (TKM5-9) to SlantBack Door using #8 x 1/4" Phillips Head Screws provided. Align Guides to existing holes inside lower edge of Door. Slots in Rod Guides face outside edge of Door. Tighten assembly.**

**12) Install Latch (TKM5-7) into Rear Door so Latch Handle lifts to open door. Insert Latch Assembly Retainer on inside of door with threaded inserts against door. Also, two (2) small radius in Retainer locates with pins on Latch. Use four (4) 1/4"-20 x 3/4" Bolts, Washers and Nuts to secure Latch to Door. Tighten assembly. (Illustration 7)**

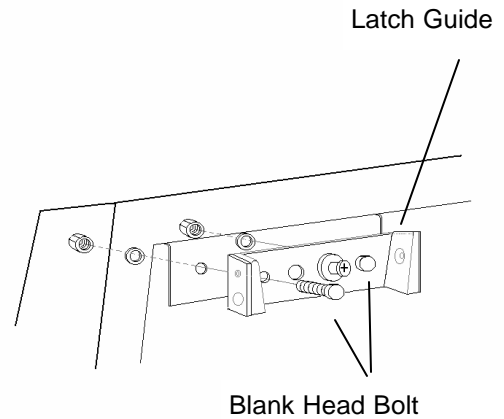
**13) Install Latch Rods to Latch with outside edge of Rods inserted into Latch Rod Guides. Install rubber washer onto Latch pivot arm. Insert Rod onto pivot arm. Install Rubber Washer and Flat Washer. Secure assembly with Cotter Pin.**

**14) Install Lock assembly (TK5-10) into Latch.**

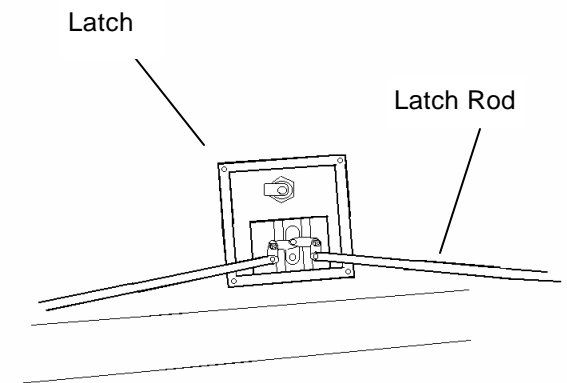
**15) Install Hydraulic Door Lift Lower Mounting Bracket (TK5-12) to SlantBack. Locate Lower Bracket and align Bracket mounting holes to holes inside rear opening of SlantBack. Attach Bracket using #8 x 1/4" Phillips Head Screws provided.**

**16) Repeat Step 15 on opposite side.**

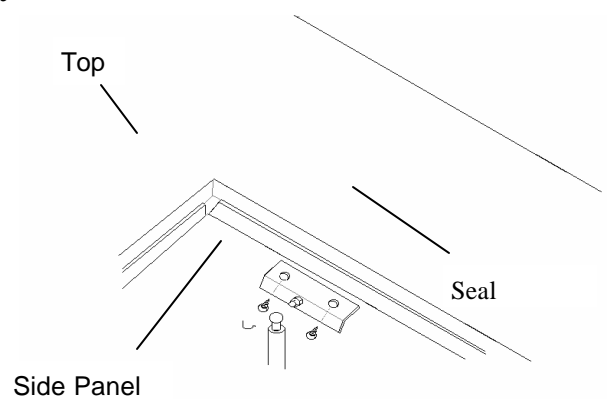
**17) Install Hydraulic Door Lift Upper Mounting Bracket (TK5-13) to Rear Door. Locate Upper Bracket and align Bracket mounting holes to holes on inside edge of Rear Door. Attach Bracket using #8 x 1/4" Phillips Head Screws provided. (Illustration 8)**



**Illustration 6**



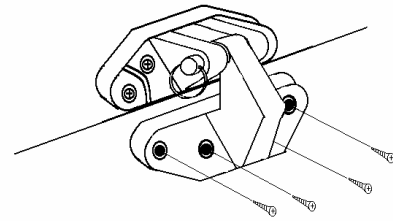
**Illustration 7**



**Illustration 8**

**18) Repeat Step 16 on opposite side.**

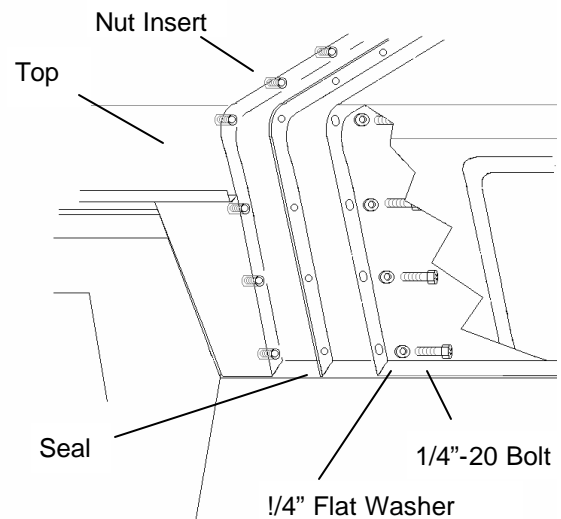
**19) Align pre-drilled holes in SlantBack with Hinge provided (Illustration 8). Loosely install Hinge to Rear Door using 10/32" x 1/2" screws.**



**20) Position Rear Door to SlantBack with mounting holes in Hinge aligned to holes in Rear Door. Hold door in position and install Hinge using 10/32" x 1/4" Phillips Head Screws.**

**Illustration 9**

**21) Open Rear Door. Hold door open and install Hydraulic Door Lift to Lower and Upper Mounting Brackets. Secure Hydraulic Door Lift to Brackets with clip provided as shown in Illustration 8. Insert Lift's Ball Socket over Ball Stud. Insert Clip into small hole on Lift's Ball Socket. Latch Clip around Ball Socket.**



**Illustration 10**

**NOTE: Do not attempt to support Door with just one Hydraulic Door Lift. Make sure both Lifts are attached.**

**22) Install Latch Rod Cover over Latch Rod assembly. Secure Cover to inside edge of Rear Door using 1/4"-20 Hex Bolts provided. Tighten bolts.**

**23) Align door assembly and make sure all fasteners are tight.**

**24) Align SlantBack assembly and tighten all fasteners.**