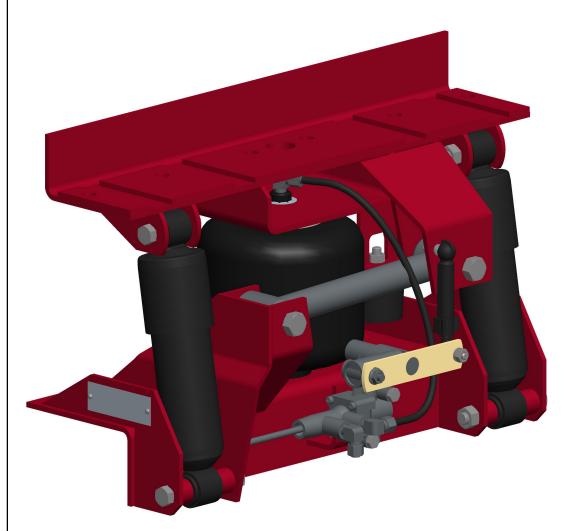


GMC104TK(23850000)



NSTALLATION INSTRUCTIONS

Link mfg. Ltd. 223 15th St. N.E. Sioux Center, IA USA 51250-2120

(712) 722-4874 Fax (712) 722-4876

QUESTIONS? CALL CUSTOMER SERVICE 1-800-222-6283 The **CABMATE MODEL GMC104TK** fits most 1990 through 2003 GMC TopKick, Chevrolet Kodiak, and C6500 conventional truck cabs. Standard air system is required. It replaces the original rear cab mounts, GMC Part No.s 15651171, 15632433, or 15959499.

UNIT WEIGHT: 32.2 LB.

NET WEIGHT ADDED: 4.2 LB.

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CABMATE MODEL GMC104TK

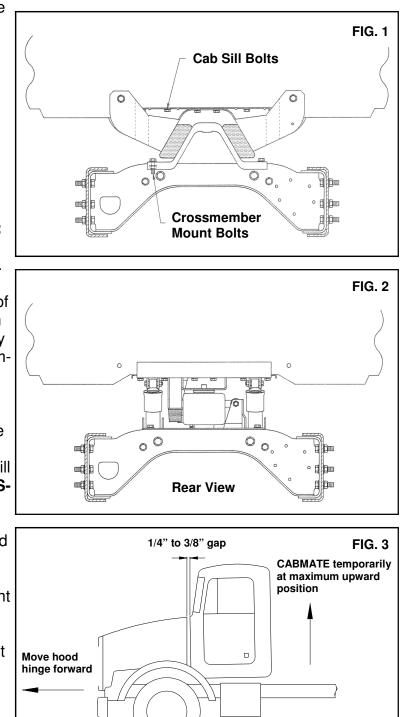
Review the Parts List on page 3 to become familiar with the different components of the CABMATE.

IMPORTANT: Due to many chassis variables caused by installation of special equipment or options, the fit of the CABMATE GMC104TK may be affected and should be evaluated before beginning installation.

IMPORTANT: Installation of the CABMATE system will allow the cab to move freely. Before starting installation, check clearances between the

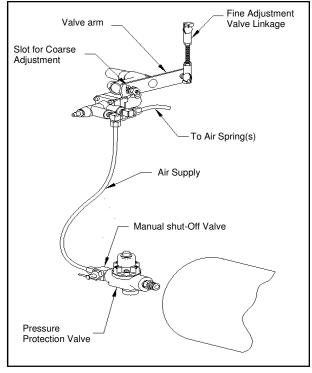
cab and any objects the cab may contact when it moves (1 1/2 inches of clearance should be sufficient). The clearance of components that are affected by cab movement, such as exhaust and radiator systems, must also be evaluated.

- A. Remove the four bolts from the upper cab mount bracket and the six cab sill bolts as shown in figure 1. Securely prop up the cab and remove the upper and lower cab mount brackets. **NOTE:** save the six cab sill bolts and the four crossmember mount bolts for later use.
- **B.** With the Shock Absorbers to the front of the truck, slide the CABMATE between the cab and the crossmember. Loosely fasten the Unit Bottom to the crossmember using the four crossmember mount bolts (Fig. 2).
- C. Slowly lower the cab until it touches the top of the CABMATE. Fasten the Unit Top to the cab from using the six cab sill bolts. SECURELY TIGHTEN ALL FAS-TENERS. Lower the cab completely.
- **D.** See page 2 for plumbing instruction and height adjustments.
- E. IMPORTANT: After plumbing and height control adjustments are completed, temporarily adjust the CABMATE to its maximum upward position. There must be a minimum of 1/4" gap between the cab and the hood. Adjust the hood hinge forward as necessary (Fig. 3).



PLUMBING INSTRUCTIONS

WARNING: FOR SAFTY PURPOSES THE CABMATE MUST BE SUPPLIED FROM A PRESSURE PROTECTED CIRCUIT. IN THE EVENT OF AN AIR LEAK IN THE CAB SUSPENSION, FAILURE TO PROVIDE A PRESSURE PROTECTED CIRCUIT MAY CAUSE LOSS OF AIR PRESSURE TO VITAL SYSTEMS ON THE VEHICLE.



WARNING: LOSS OR APPLICATION OF AIR PRESSURE TO CABMATE WILL CAUSE SUDDEN MOVEMENT OF THE CAB. PRIOR TO INSTALLING OR PERFORMING ANY MAINTENANCE, BLOCK UP THE CABMATE TO PREVENT THE POSSIBILITY OF INJURY.

WARNING: CONNECT THE CABMATE DIRECTLY TO THE MAIN AIR TANK. YOU WILL NEED AN AIR PRESSURE PROTECTION VALVE IN THE LINE. (INCLUDED IN THE PRESSURE PROTECTION KIT, LINK MFG. PART NO. 1350-0000). DO NOT USE AN AIR PRESSURE REGULATOR!

 $\boldsymbol{\mathsf{A}}.$ With the tank at 0 p.s.i., remove the existing plug or fitting from the desired port.

B. Apply joint compound to the fittings and install the pressure protection kit. DO NOT USE TEFLON TAPE. Be sure that the arrows on the valve are pointing in the direction of air flow and the vent hole is pointed down. NOTE: Additional fittings/reducers may be required to attach the hex nipple to the main air tank.

C. Run the 1/4" airline from the shut-off valve to the CABMATE. Be sure that the airline has enough clearance so that there are no pinch points that may restrict or cut the airline. Secure the airline using the cable ties supplied by Link Mfg.

D. Tighten all plumbing fittings. Then, with the system at operating pressure (90 to 110 p.s.i), open the Manual Shut-off Valve to supply air to the CABMATE. Check the system for air leaks.

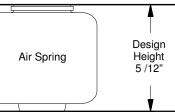
E. Check for proper operation of the height control valve. Disconnect the valve linkage from the valve arm. Push the valve arm down 45° and hold for 5 second a size height be affected by the valve arm down 45° and hold for 5 second as a size of the size of

conds, air should be flowing into the the value arm up 45° and hold for 5

air spring(s). Return the valve arm to the neutral position. Push the valve arm up 45° and hold for 5 seconds, air should be evacuating from the air spring(s). Return the valve arm to the neutral position; no air should flow. Reconnect the valve linkage to the valve arm.

HEIGHT ADJUSTMENTS

Measure the design height of the air spring(s). The height should be 5 1/2 inches \pm 1/16. To change the height, disconnect one end of the valve linkage and adjust accordingly. Tighten the lock nuts on the valve linkage. The valve arm has a slot which will allow for coarse adjustment also. (See diagram above.)



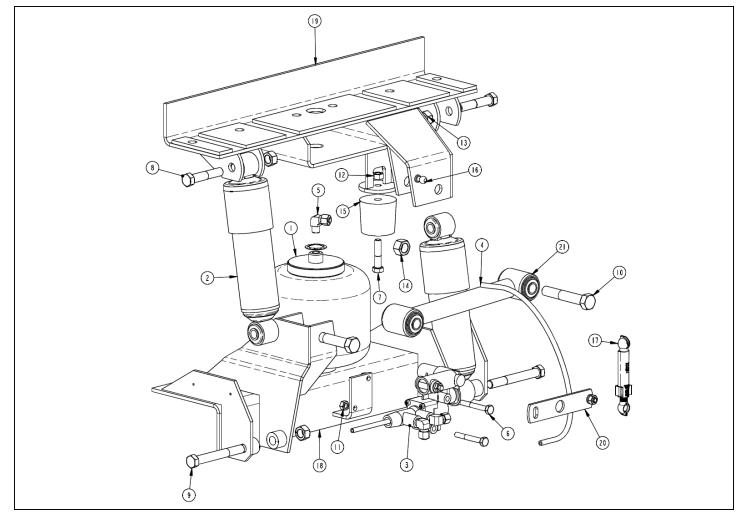
MAINTENANCE

CABMATES need no lubrication and little maintenance. The following components should be checked at the time the truck is being serviced. However, immediate corrective action should be taken if a serious malfunction occurs.

COMPONENT	POSSIBLE PROBLEM	CORRECTIVE ACTION	TORQUE Compression Nut Hand Tight + 1 Turn Threaded into: Metal Plastic 15 Hand Tight Ft. Lbs. + 1 Turn	
Airlines	Air leaks	Replace airline		
Fittings	Air leaks	Remove fitting and apply fresh joint compound. Reinstall fitting, but Do Not Overtighten. Do not use teflon tape.		
Air Springs	A. Improper heightB. Air leakage	 A. Adjust valve linkage to maintain proper air spring height. B. Replace air spring. 	Size Metal Plastic 3/8 25 Ft. Lbs 4 Ft. Lbs 1/2 28 Ft. Lbs 10 Ft. Lbs 3/4 30 Ft. Lbs 10 Ft. Lbs	
Height Control Valve	 A. Air leakage from joint between valve halves. B. Air spring will not inflate when weight is added to the cab. C. Air springs will not deflate when weight is removed from the 	 A. Tighten 4 Phillips head screws. B. Replace Valve C. Replace Valve 	30 In. Lbs. 1/4 Mount Fasteners 10 Ft. Lbs.	
Shock Absorber	Insufficient dampening effect	Replace shocks	45 Ft. Lbs.	
Lateral Control Rod	 A. Loose nuts on lateral control rod bolts B. Worn bushings. 	 A. Tighten securely to clamp the inner sleeve. B. Replace lateral control rod. 	40 Ft. Lbs.	

IMPORTANT: Periodically check the tightness of all fasteners.

^{*}Note: If you attempt to disassemble or adjust fittings on the height control valve, it will void your warranty. Contact Link Manufacturing for assistance.



CABMATE® MODEL GMC104TK PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	1101A043	AIR SPRING WITH ATTACHMENTS	1	12	1476-1000	5/16 UNC HEX CTR LOCK NUT (GR B)	1
2	1201-0054	SHOCK ABSORBER	2	13	1477-1400	7/16 UNF HEX CTR LOCK NUT (GR B)	4
3	1301-0020	VALVE-CONTROL, HEIGHT	1	14	1477-1601	1/2 UNF HEX TOP LOCK NUT (GR C)	2
4	1302-0090	AIRLINE-NYLON, .250 O.D., BULK	.8 FT	15	1500-0070	BUMPER-JOUNCE, 1.75	1
5	1302-1105	ELBOW, 1/4 TB 1/8 M-NPT	1	16	29910026	KIT-PIVOT BALL	1
6	1401-0816	1/4 X 2 UNC HEX CAP SCR (GR 5)	2	17	29910051	KIT-LINKAGE, MEDIUM	1
7	1401-1012	5/16 X 1 1/2 UNC HEX CAP SCR (GR 5)	1	18	2385-2100	UNIT BOTTOM	1
8	1403-1418	7/16 X 2 1/4 UNF HEX CAP SCR (GR 5)	2	19	23851100	UNIT TOP	1
9	1403-1428	7/16 X 3 1/2 UNF HEX CAP SCR (GR 5)	2	20	2990-0700	ASSEMBLY-ARM, VALVE	1
10	1404-1624	1/2 X 3 UNF HEX CAP SCR (GR 8)	2	21	29932005	LATERAL CONTROL ROD	1
11	1476-0800	1/4 UNC HEX CTR LOCK NUT (GR B)	2	NOT SHOWN	1350-0000	Kit-Protection, Pressure	1