

# WARNING:

**DO NOT INSTALL YOUR NEW DROP HITCH UNTIL YOU HAVE READ THE FOLLOWING:**

## CARE & USE INSTRUCTIONS

### FOR: DIVERSI-TECH LBM AND ALBM SERIES BALL MOUNTS

1. DT Ball Mounts are made with only the highest quality aircraft grade billet aluminum and stainless steel components, however most receiver tubes are painted steel that can rust and create some lock-up problems within as little as a few days of use. When steel rusts, it expands, and in a receiver tube hole this means the diameter of the hole will be reduced in size as it corrodes. This new smaller diameter will prevent your stainless steel slide pins from disengaging from the receiver tube holes. For good corrosion protection and reliable hitch operation, we recommend lubricating the two stainless steel locking slide pins and your receiver tube hitch pin holes regularly with a thin film of white lithium grease. If your hitch becomes sticky or tight, it may need to be cleaned good with soap & water (Never Use Harsh Chemicals, Penetrating Oil, or WD-40 as a Lubricant). Once clean, the locking slide pins can be externally greased. Please make sure your receiver tube has good paint coverage particularly inside the hitch pin receiving holes before applying white lithium grease to these areas.

2. If for some reason your hitch does get locked up in the receiver tube, you will first need to lightly spray WD-40 on the outside of each hitch pin hole while using as little penetrating oil as possible to avoid dissolving the grease inside your ball mount and to prevent damage to the o-rings. After spraying pins with WD-40, please let it penetrate for at least 15 minutes before trying to break the pins free from the receiver tube. Your key must be inserted into the lock cylinder in order for the pins to be moved inward and they must both be moved in at the same time. Tapping on only one side without going back and forth to each side or tapping on the pins without your key in the lock cylinder can destroy your drop hitch and this will also void your warranty. Please note: The stainless steel locking slide pins in the drop bar are mechanically actuated only, not spring loaded

3. Most lock cylinder problems can be avoided by slowly removing your key only after completely turning the lock cylinder counter clockwise. Pulling on the key while turning it can cause the key to prematurely be removed and may cause the lock cylinder to malfunction. A small dent or dirt build up may also prevent the lock cylinder from completely moving one of the slide pins fully into the correct position. This could also put bind on the lock cylinder and cause it to kick back one notch and malfunction. Dropping the ball mount on the keys while in the lock cylinder can also cause the key to pop out in a slightly turned position and could cause other lock cylinder malfunctions that may not be covered by our defect warranty. In the event of accidental damage to your hitch, a lock cylinder kit including a cylinder removal tool can be ordered from your DT product dealer for the suggested retail price of \$15.99 each. Part # DT-LBM02RK. Please show picture ID at purchase. Lock cylinder kits should only be installed by a authorized DT product dealer or your hitch can be sent back to us for a no cost expedited repair service.

(Kit Includes: 4 keys, 2 lock cylinders, 2 dust covers, 2 set screws, 2 warning labels, and 1 cylinder removal tool)

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#### Limited Warranty

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Diversi-Tech Corp USA warrants each hitch to be free from defects in workmanship and materials for one year when operated and maintained under normal conditions (Excluding Chrome and Corrosion). If you have a problem with your hitch, please do not return it to your dealer. We ask that you go to [www.diversi-tech.net](http://www.diversi-tech.net) and select the contact us tab, and then select the service/warranty tab. If your hitch has been used for more than 10 days, we reserve the right to send out the needed replacement parts and/or we will request that you send your hitch in to us via UPS prepaid freight for our guaranteed same day expedited repair. If you notice a defect or you have a problem with your new drop hitch within the first 10 days, please return the product to your DT dealer for a new replacement.

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