



RAM Manufacturing Ltd.

10203 184 St. Edmonton, AB Canada T5S 2J4

1-800-563-4382

Fax 1-780-486-2920

www.trustram.com



Stratus™ Product Bulletin Main Drive Screw Brake Key

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It has come to RAM's attention that for some Stratus™ products a condition can exist where the brake gear (item 28) that interfaces between the brake and the main drive screw coupler (item 23) can move in the downward direction if not secured properly with a set screw that interfaces with a drilled dimple on the drive screw coupler. (See image on next page for reference).

In the event that this occurs, the key between the gear and the coupler may come out and the brake will no longer function correctly and this could lead to unintended carriage movement in some load conditions.

RAM has remedied this for Stratus™ products going forward by changing the drive screw coupler profile such that a shoulder will keep the brake gear in place.

Although RAM considers the risk to be low for this issue RAM has prepared a solution for field retrofit that utilizes a simple collar to keep the brake gear from moving in the downward direction.

RAM recommends that you inspect for this issue as soon as possible and at the very least, during annual maintenance, plan to apply the retrofit collar if your elevator is in the affected serial number range.

RAM will provide the **parts (MT094 and MT095)** required to alter any lift that presents this issue at no charge. The procedure for installation will be sent with any parts issued.

The serial numbers affected are between **RS10000 and 10041**

