



Lubecore Technical Announcement

New Breakaway Block - 40.304

Lubecore is pleased to announce the introduction of a new breakaway block as shown in Figure 1.

The breakaway block was originally designed as a solution for rear loader garbage trucks, where the secondary lubrication lines are vulnerable to the environmental conditions inside the compactor system where the panel and blade lubrication hoses often experience high damage rates. The breakaway block's purpose is to isolate these critical areas from the rest of the lubrication system, allowing the maintenance flexibility to repair damage susceptible areas quickly and easily. The block is welded to the vehicle and becomes a line break point bulkhead. An example of two breakaway blocks installed on a refuse packer is shown in Figure 2.



Figure 1 40.304 Breakaway Block

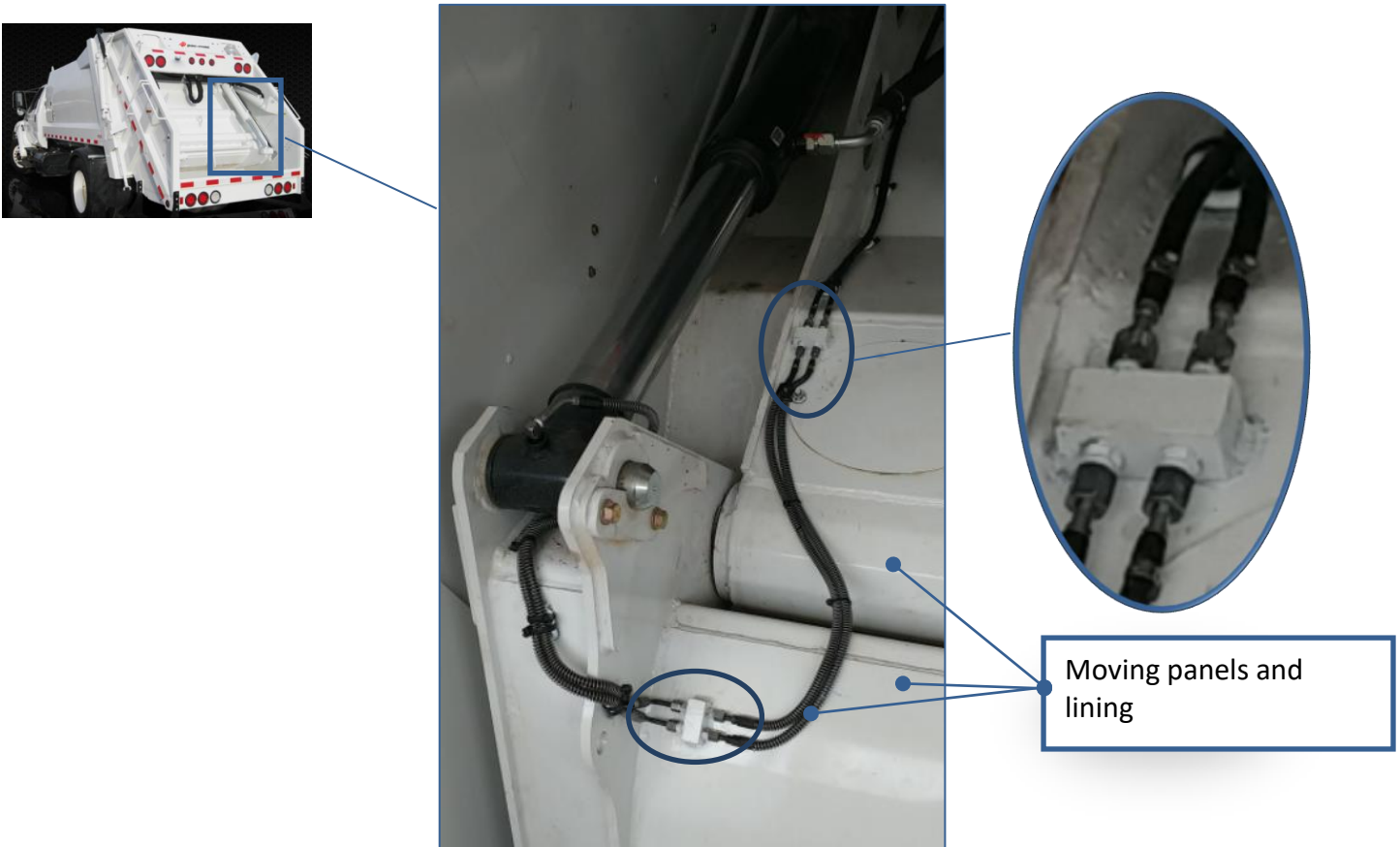


Figure 2 - Breakaway Block 40.304 - Installed on Rear Loading Garbage Trucks

Benefits

- Reduced service material and labour costs
- Simplified repairs
- Reduced downtime
- Isolated critical serviced areas
- Optimized usage of protective materials
- Eliminates the need for line repairs in non-critical areas

In Figure 3, the line length between the breakaway block and the grease points is isolated from the rest of the line. This section of the line is approximately 4ft out of the total 40ft line. This is the section of line that will likely see damage in service. Rather than servicing a 40ft line when a break occurs, service can now be completed on an accessible 4ft line. Hours of line routing or splicing will be avoided and far less lining will be used fixing broken lines. In this example, the lines used as breakaway lines are also protected with spring guard to further reduce damage or wear in this critical area.



Figure 3 - Optimized use of reinforced protection specifically on critical lengths

Anywhere corrosion, line breakage, or high wear rates are expected, this solution will provide significant maintenance time and cost savings, typically providing full return on investment with the first line repair.

Custom Manufactured Breakaway Blocks

In the examples shown, Lubecore manufactured and installed a two-port breakaway block. Lubecore can provide custom breakaway blocks for any application. Contact Lubecore to have breakaway blocks in multiple port configurations design and manufactured for your application.

Part Numbers

Table 1 provides a list of part numbers currently available for breakaway blocks.

Table 1

Part #	Description
40.304	2 Port Breakaway Block
Custom	Contact Lubecore for your custom breakaway block