

Service Information Bulletin #8

Nylon Universal Door Guides

Replacing Guides/Troubleshooting

RECOMMENDATIONS

The following recommendations offer advice to prevent problems and, if necessary, help to solve the problems in the replacement and installation of door guides (or gibs).

1. Replace original door guide assemblies with kits that duplicate them. If you are not sure measure the width of the groove in the door sill. Recommended clearance is 1/32".
2. In severe duty applications, two kits should be installed where there would normally be one. This literally doubles the strength of the application.
3. There are five chamfered holes of the three 10-32 X 3/8" mounting screws. The purpose for this is that the originally tapped for mounting the angle bracket may have been stripped. The two extra holes in the bracket allow for drilling new holes (use a No. 21 drill) to provide firm holds for the screws.

CAUTIONS

4. Hardware (self-tapping screws, SEMS screws, barrel nuts) and gibs should never be reused. New hardware and gibs, and preferably angle brackets, should always be used for new or replacement installations.

Hardware is designed to work as a system with known capabilities. The strength and function of unmatched materials cannot be predicted or guaranteed. To mix hardware from various manufacturers is strongly discouraged.

5. Door sills that are not appropriate for standard hardware (extra-deep or recessed grooves) require a special UL Tab (spacer) to provide contact in the groove and extra protection (it has its own tabs).

LUBRICATION

6. Lubrication of gibs and grooves should not be required. If the gib does not slide easily, either something is wrong, or a roller guide kit should be used.

TROUBLESHOOTING

7. By checking the wear pattern of the door gib, door alignment or misalignment, as well as the cause of the problem can be determined. The following are general statements of what the wear pattern of the gib should indicate:

Normal wear: Both sides of the gib will show even wear.

Heavy wear on both sides of the gib: This indicates a worn sill. This may require either refacing of the sill or a wider gib.

Misaligned door (canted door) : Wear is on one side of the gib, or wear is on both sides of the gib in different areas. This may require that the door be aligned and/or the gib must be repositioned.

Heavy wear on one side of the gib only: Indicates a door with a heavy loading (differential pressure) problem. This can slow the door down and cause extra wear on the door operator. It may be necessary to use roller guides in this case. (See Bulletin 27, Universal Roller Door Guides).

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