

DN 2145 Gate Upgrade Instructions M031.1

*** Please read all instructions thoroughly before starting work. ***

Tools Required: 3/32 Drift Punch, Pliers

Order Kit: 622,000,80x.x4

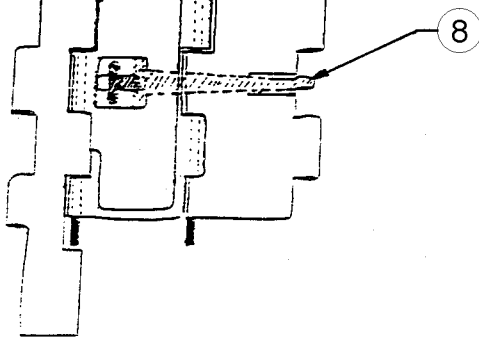
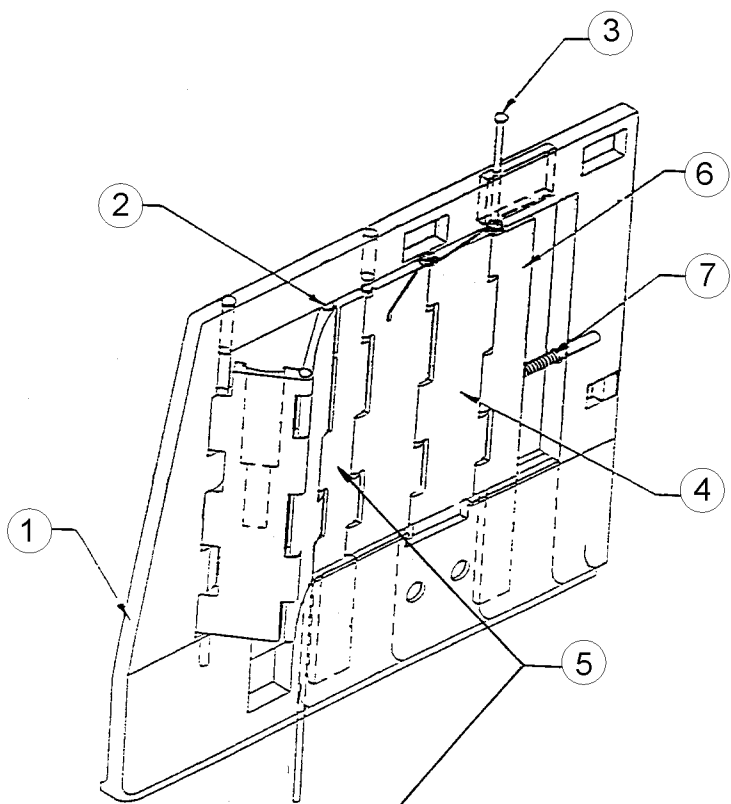
Contents:	45 - 801,813,15x.x1	Gate Retrofit Kit
	45 - 801,903,81x.x1	Product Pusher Slide

Disassembly of standard Tall Gate

- 1.) Remove Packages from the tray.
- 2.) Remove shims (if installed) from the tray.
- 3.) Using a 3/32 Drift Punch, push the Solenoid Release Mechanism Pin from the bottom of the tray up through the Gate Frame, and remove. Save the Pin for reassembly.
(Note: It will be necessary to depress the gate slightly to allow the Pin to align with the hole in the top of the Gate Frame.)
- 4.) Using Pliers, remove the Rear Shuttle Release Mechanism Pin. Save the Pin for reassembly.
- 5.) Remove the Rear Knuckle and Front Shuttle Assembly.
- 6.) Remove the Rear Shuttle and Shuttle Spring Assembly. *(Technique: Lean the Rear Shuttle forward to gain enough room for removal.)* Save the Shuttle Spring for reassembly.

Reassembly of Tall Gate with "Kicker" Knuckle

- 1.) Install Shuttle Spring on Rear Shuttle.
- 2.) Install Rear Shuttle and Shuttle Spring in to the Gate Frame. *(Technique: Lean the Shuttle and Spring Assembly forward in the frame to gain enough room for installation. As you stand the Shuttle up, simultaneously feed the spring into the guide hole in the frame.)*
- 3.) Install the Kicker Link into the Kicker Knuckle by inserting the "T" end of the link through the slot in the knuckle from the back side. Turn the link 90° so that the link is flat against the back of the knuckle.
- 4.) Insert the Rear Kicker Knuckle Assembly into the Gate Frame by inserting the Front Shuttle first.
- 5.) Install the Rear Shuttle Release Mechanism Pin by inserting through the Gate Frame, Rear Shuttle, Knuckle, and Kicker Link. Ensure that the Pin is fully inserted and is flush against the top of the frame.
- 6.) Install the Solenoid Release Mechanism Pin by inserting through the Gate Frame, Front Shuttle, Front Knuckle, and Solenoid Plunger. Ensure that the Pin is fully inserted and is flush against the top of the Shuttle.



Index	Part Description
1	Gate Frame
2	Solenoid Release Mechanism Pin
3	Rear Shuttle Release Mechanism Pin
4	Rear Knuckle
5	Front Shuttle
6	Rear Shuttle
7	Rear Shuttle Spring
8	Kicker Link