

3M™ Dual Lock™ Reclosable Fasteners

For Automotive Applications

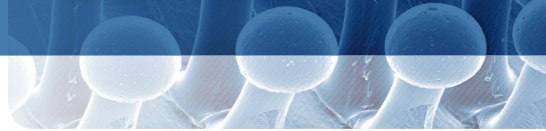


Secure Reclosable Fastening Systems

Why use 3M™ Dual Lock™ Reclosable Fasteners?

- The mushroom-shaped stems snap together tightly for dependable repeatable attachment.
- The strong holding power dramatically reduces rattling and vibration of components.
- Three different stem densities allow for mixing and matching, achieving the engagement and disengagement forces needed for the application.
- An audible snap confirms that the part is correctly installed with minimal insertion force required by the assembly worker.
- Dual Lock fasteners provide an aesthetically pleasing look because you don't see unsightly mechanical fasteners.
- Dual Lock fasteners do not require special tools, providing easy alignment at attachment.





3M™ Dual Lock™ Reclosable Fasteners are designed for attaching:

- Headliners
- Sunroofs
- Interior trim parts
- Electronic components
- Sheet metal/pillars
- Center console panels
- Interior lighting

Features	Advantages	Benefits
Easy Alignment of Parts	<ul style="list-style-type: none"> • Eliminates concerns about misalignment and premature or incomplete engagement. • Provides easy and firm engagement from any orientation. 	<ul style="list-style-type: none"> • Improves quality • Easy to use • Increases productivity
Adjustable Engagement and Disengagement Forces	<ul style="list-style-type: none"> • Provides a range of engagement and disengagement forces that can be achieved by combining the different stem densities. 	<ul style="list-style-type: none"> • Increases productivity • Improves quality
	<ul style="list-style-type: none"> • Provides adjustable and proportional engagement and disengagement forces to the engaged area of the fastener. 	<ul style="list-style-type: none"> • Easy to use • Increases productivity • Improves quality
Reclosability	<ul style="list-style-type: none"> • Can be opened and re-closed in high cycle applications. 	<ul style="list-style-type: none"> • Easy to use • Increases productivity
Appearance	<ul style="list-style-type: none"> • Able to attach on the backside of a trim piece allowing for blind fastening and an uninterrupted show surface. 	<ul style="list-style-type: none"> • Easy to use • Improves quality • Improves appearance
Vibration Resistant	<ul style="list-style-type: none"> • Dramatically reduces the rattling and vibration of components. 	<ul style="list-style-type: none"> • Improves quality
Ease of Assembly	<ul style="list-style-type: none"> • Does not require special tools or equipment for attachment. 	<ul style="list-style-type: none"> • Easy to use • Increases productivity • Saves money
	<ul style="list-style-type: none"> • May be used to attach components prior to their entry into the final assembly plant, reducing the number of parts and assembly time. 	<ul style="list-style-type: none"> • Easy to use • Increases productivity • Saves money
Multiple Attachment Methods	<ul style="list-style-type: none"> • Available in numerous forms, allowing for the ability to be attached to a large variety of surfaces, using differing methods. 	<ul style="list-style-type: none"> • Design flexibility • Increases productivity • Improves quality
Positive Locking	<ul style="list-style-type: none"> • Audibly snaps when fastened, assuring secure closure. 	<ul style="list-style-type: none"> • Reduces worry • Improves quality

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