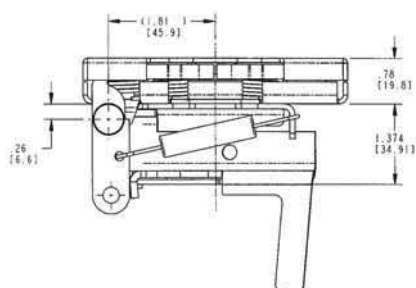


ROTARY LATCHES AND STRIKERS

050-0170 Two-Rotor Latch With Bellcrank



Designed For:

- Off-highway applications
- Door thicknesses of 1-7/8" (47.6mm) or greater
- Door weights of 50-200 lbs. (23-91 kg)
- Door seal pressures of 50-150 lbs. (23-68 kg) (suggested for best results)
- Applications where push button handle actuation is desired

Available:

- In left or right hand configurations (left hand shown)
- With (4) 1/4-20 UNC or M6 X 1 threaded axles
- With inside release lever options and trip lever options

Material:

- Internal latch components: heat treated, smooth edge stamped steel
- Case halves: high strength steel
- Springs: non-corrosive stainless steel

Finish:

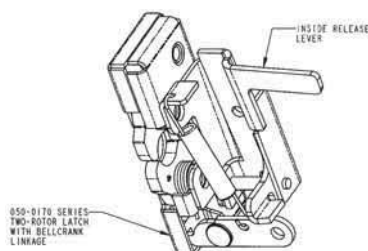
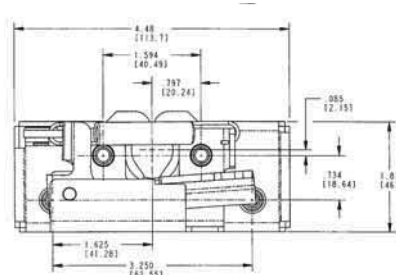
- Zinc plated, clear chromate steel components

Installation:

- Four 1/4-20 UNC grade 5 or M6 X 1 class 8.8 mounting fasteners (not included). Tighten to the fastener manufacturers' recommended torque value, however, do not exceed 120 in-lbs (13.3 N-m)
- Maximum .281 (7.1mm) diameter mounting holes

CAUTION: Linkage does not comply with locking requirements of FMVSS 206.

Latch complies with FMVSS 206 in primary and secondary latching positions when tested with approved striker bolts in accordance with SAE J839.



Part Number	Hand	Mounting	Outside Actuation	Inside Release Lever
11943-16	RH	1/4-20 UNC	Push, 2.83" Long	Bellcrank Handle, 5.83 Long, Used with Knob
17313-01	RH	1/4-20 UNC	Remote, Trip Lever, 1.32" X .19" Long	RH, Bellcrank Handle, 3.07 Long
11472-16	RH	1/4-20 UNC	Push, 3.25" Long	RH, Remote, Straight, 3.13" Long
13756-01	RH	1/4-20 UNC	Push, 3.25" Long	RH, Handle, 90 Deg, 3.54" X 4.63" X 14 Deg Angle, Used with Knob
11961-16	RH	1/4-20 UNC	Push, 3.25" Long	RH, Remote, 90 Deg, 2.32" X 2.93"
12610-01	RH	1/4-20 UNC	Remote, Straight Trip, 1.30" Long	RH, Bellcrank Handle, 2.81" Long
13887-01	RH	M6 X 1.0	Push, 3.70" Long	RH, Bellcrank Handle, 3.90 Long, Used with Knob
26959-01	RH	M6 X 1.0	Remote, Trip Lever, 1.32" X .19" Long	RH, Bellcrank Handle, 5.69" Long, Dipped
18036-01	RH	M6 X 1.0	Push, 3.55" Long	RH, Handle, 4.45" Long
19832-02	RH	M6 X 1.0	Push, Center, 1.05" Long	RH, Handle, 4.45" Long
25219-01	RH	M6 X 1.0	Push, Center, .93" Long	RH, Spoon Type, 3.15" Long
22232-01	RH	M6 X 1.0	Push, Center, Plastic Flipper	RH, Spoon Type, 3.15" Long
23264-01	RH	M6 X 1.0	Push, Center, Plastic Flipper	RH, Finger Release, 1.77" Long
18874-01	RH	M6 X 1.0	Remote, Straight Trip, 1.30" Long	RH, Bellcrank Handle, 2.81" Long
14683-01	LH	1/4-20 UNC	Remote Trip, 1.54" X .79" X 90 Deg Form Down	LH, Bellcrank Handle, 3.05 Long, Used with Knob
15985-01	LH	1/4-20 UNC	Push, 2.83" Long	LH, Bellcrank Handle, 5.83 Long, Used with Knob
12707-01	LH	1/4-20 UNC	Push, 3.25" Long	LH, Handle, 90 Deg, 3.54" X 4.57" X 13 Deg Angle, Used with Knob
13758-01	LH	1/4-20 UNC	Push, 3.25" Long	LH, Handle, 90 Deg, 3.54" X 4.63" X 14 Deg Angle, Used with Knob
11473-16	LH	1/4-20 UNC	Push, 3.25" Long	LH, Remote, Straight, 3.13" Long
24321-01	LH	1/4-20 UNC	Push, 3.25" Long	LH, Remote, 1.06" Long
11960-16	LH	1/4-20 UNC	Push, 3.25" Long	LH, Remote, 90 Deg, 2.32" X 2.93"
12361-16	LH	1/4-20 UNC	Remote, Straight Trip, 1.30" Long	LH, Bellcrank Handle, 2.81" Long
13886-01	LH	M6 X 1.0	Push, 3.70" Long	LH, Bellcrank Handle, 3.90 Long, Used with Knob
18035-01	LH	M6 X 1.0	Push, 3.55" Long	LH, Handle, 4.45" Long
21219-01	LH	M6 X 1.0	Push, Center, Plastic Flipper	LH Trip, 2.97" Long X 26.5 Deg
22233-01	LH	M6 X 1.0	Push, Center, Plastic Flipper	LH, Spoon Type, 3.15" Long
23263-01	LH	M6 X 1.0	Push, Center, Plastic Flipper	LH, Finger Release, 1.77" Long

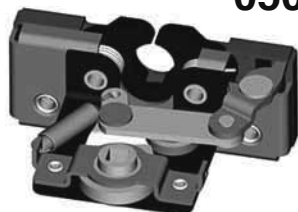
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ROTARY LATCHES AND STRIKERS

050-0150 Two-Rotor Latch & Release Linkage



DESIGNED FOR:

- Off-highway applications
- Door thicknesses of 1-7/8" or greater
- Door weights of 50-200 lbs.
- Door seal pressures of 50-150 lbs. (suggested for best results)

AVAILABLE:

- In left or right hand configurations (right hand shown)
- With drive bar receiver parallel to striker bolt or rotated in 15° increments (as illustrated)

INSTALLATION:

- Four 1/4-20 UNC grade 5 mounting fasteners (not included).
- Tighten to the fastener manufacturers' recommended torque value, however, do not exceed 120 in-lbs
- Maximum .312 (7.9mm) diameter mounting holes

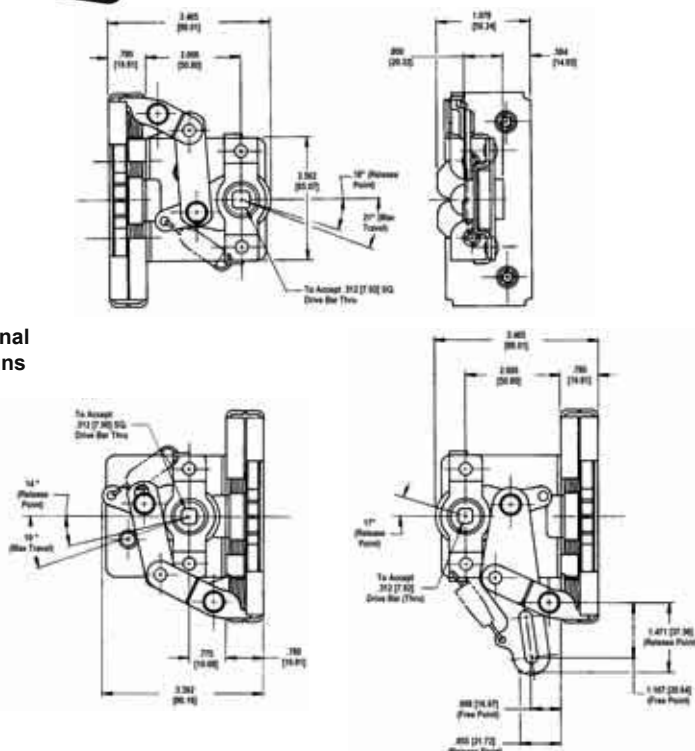
CAUTION: Linkage does not comply with locking requirements of FMVSS 206.

LATCH & STRIKER INSTALLATION:

- Install striker bolt in door frame
- Close door carefully and check for interference between head of striker bolt and latch components
- Add or remove shims under striker bolt washer as required (outside diameter of shim should be larger than outside diameter of striker bolt washer)
- Adjust striker bolt vertically so door is not guided upward or downward while being closed
- CHECK TO DETERMINE THAT BOTH SECONDARY AND PRIMARY LATCHING POSITIONS ARE USABLE
- Door should be latched but not "closed" in secondary position and latched to anticipated "closed" position with respect to adjacent surfaces in primary position
- If both primary and secondary positions are not evident readjust striker bolt
- After installation, check door alignment and door seal pressures

Latch complies with FMVSS 206 in primary and secondary latching positions when tested with approved striker bolts in accordance with SAE J839.

Optional Designs



Door Conventions



Part Number	Description
11443-16	Two-Rotor Latch and Release Linkage, Right Hand, 1/4-20 UNC, 0 Drive Orientation, 2.00 Bracket
11462-16	Two-Rotor Latch and Release Linkage, Right Hand, 1/4-20 UNC, 0 Drive Orientation, .775 Bracket
11459-16	Two-Rotor Latch and Release Linkage, Right Hand, 1/4-20 UNC, 0 Degree, 2.000 Bracket With Remote Release .668
11441-16	Two-Rotor Latch and Release Linkage, Right Hand, 1/4-20 UNC, 15 Drive Orientation, 2.00 Bracket
11442-16	Two-Rotor Latch and Release Linkage, Left Hand, 1/4-20 UNC, 0 Drive Orientation, 2.00 Bracket
11463-16	Two-Rotor Latch and Release Linkage, Left Hand, 1/4-20 UNC, 0 Drive Orientation, .775 Bracket
11749-16	Two-Rotor Latch and Release Linkage, Left Hand, 1/4-20 UNC, 0 Drive Orientation, 2.00 Bracket With Remote Release .668
11440-16	Two-Rotor Latch and Release Linkage, Left Hand, 1/4-20 UNC, 15 Drive Orientation, 2.000 Bracket