
EMERGENCY SHUTDOWN UNIT



MANUFACTURED BY

STANLEY PARTS & EQUIPMENT
CHANNELVIEW, TEXAS

100 % MADE IN USA

Kil-Aire™ emergency shutdown, all stainless steel, valves offer maintenance free and constant operation in a variety of applications. The unique design uses a tapered butterfly, which uses no rubber o-ring, or any other foreign substance, to make a tight, solid seal.

Kil-Aire™ emergency shutdown valves are incorporated into a diverse line of machinery. These units are used in marine, trucking, off-road, oil field, chemical plant or any other application that require such units, by regulation or fear of runaway engines and eventual fire.

Operation

The operation of the Kil-Aire™ emergency shutdown unit could not be simpler. To set the butterfly valve, one would turn the knob handle clock-wise. Once the shaft flag pops into the lock lever, the valve is set.

To close the valve, to prevent air flow, we have four variations.

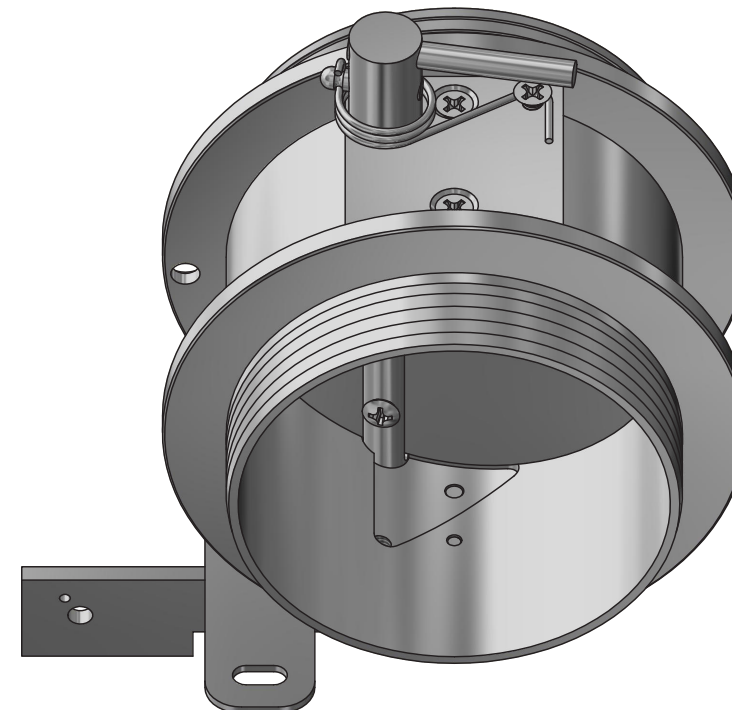
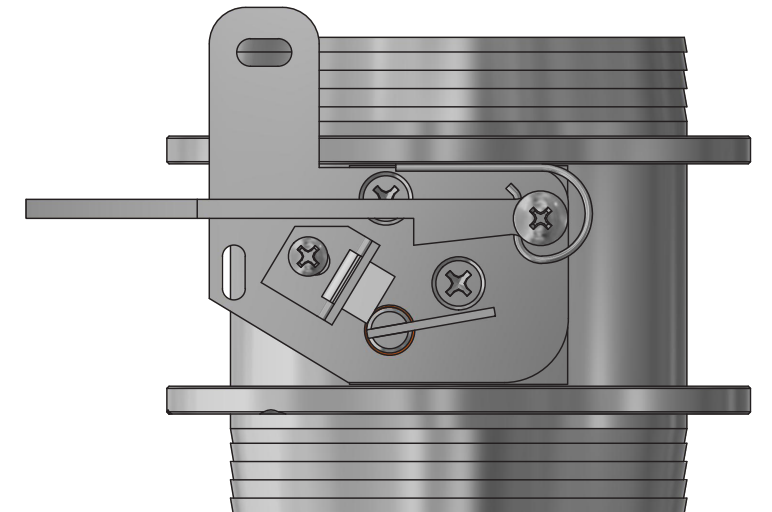
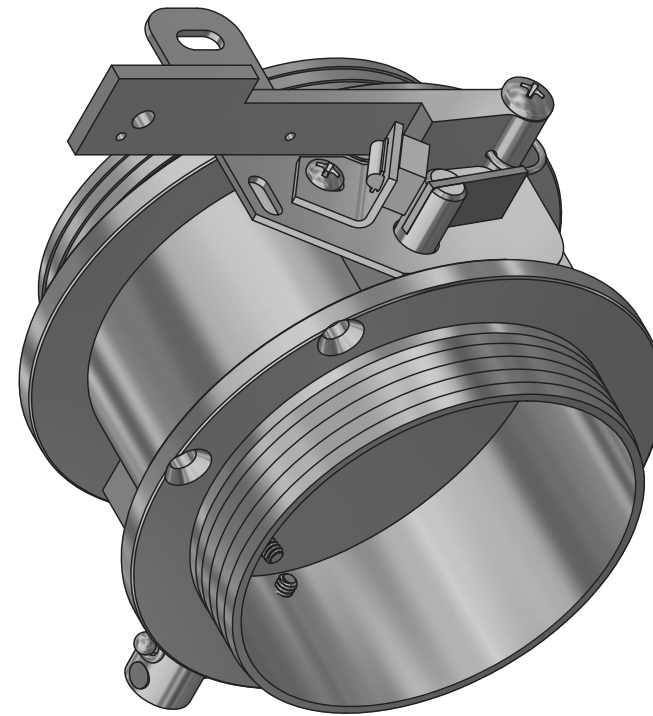
First, we have a manual operation. The lock lever can be tripped using a remote wire or cable. There is a hole incorporated into the lock lever the wire, or cable, runs through. If the hole is too small, or in a place that makes smooth travel difficult, we can customize the hole.

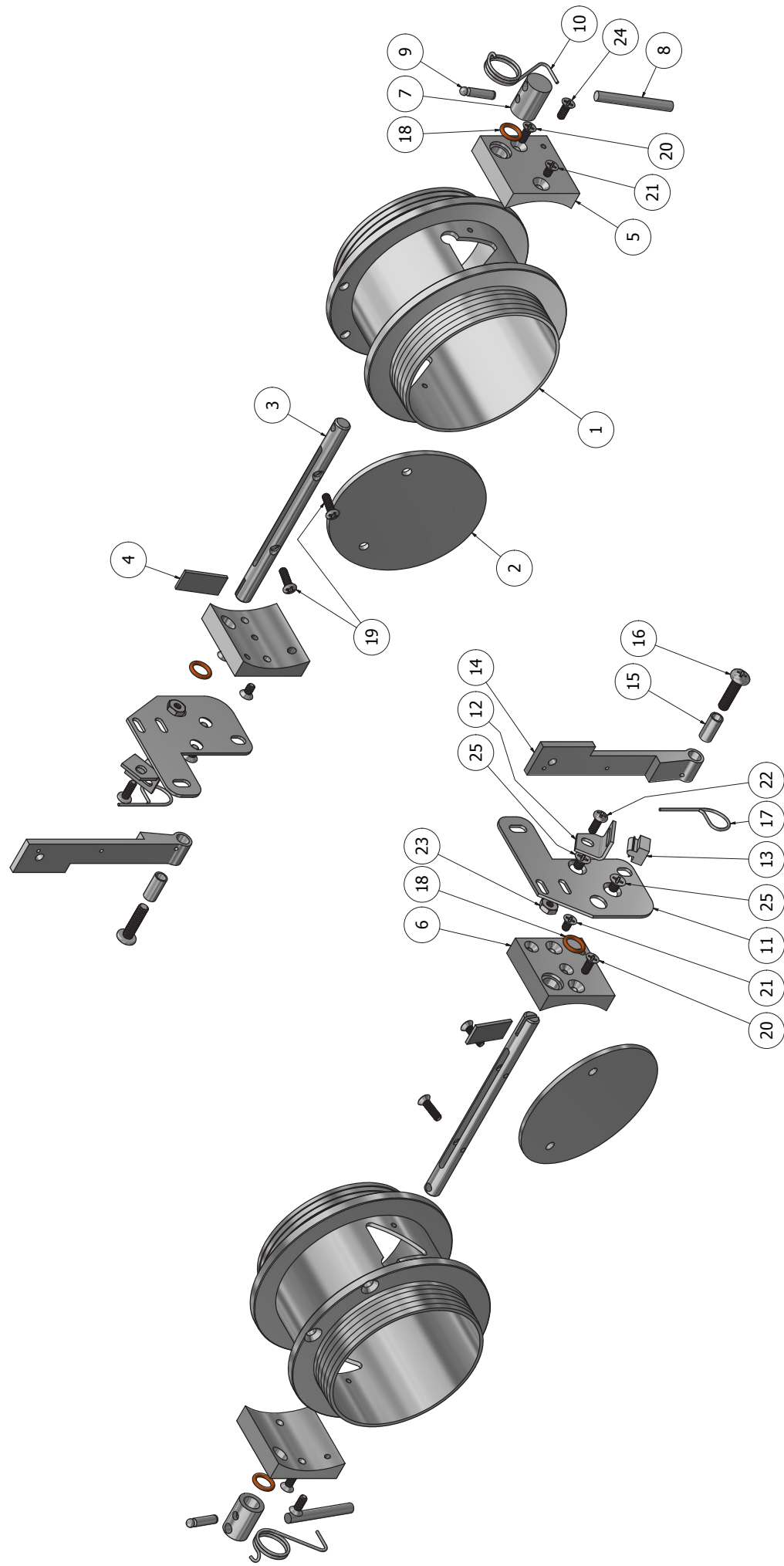
Secondly, we have straight electronic. We incorporate a 12 or 24-volt solenoid onto the side of the valve, with a special bracket. At the push of a button the engine can be shutdown, in case of an emergency.

If there is air available, our pneumatic shutdown adder could be used. We mount a pneumatic cylinder valve to the side of the valve, much like the electronic solenoid. It can be operated in a normally open, or normally closed, manner.

Our fourth operation came from a special request. We offer an adder that closes the valve and shuts down the electronic fuel pump, at the same time. We mount the switch to the side of the valve with a special plate and bracket.

As the manufacturer of the Kil-Aire™ emergency shutdown units, we can conform to most requests for adjustment. For example, we also have adapters to reduce the 3" valve to a 1-3/4" to 2-7/8" throat.





Item Number	Description	Part Number
1	3" Body	3000-SS
	4" Body	4000-SS
	5" Body	5000-SS
	6" Body	6000-SS
2	3" Butterfly	3005-SS
	4" Butterfly	4005-SS
	5" Butterfly	5005-SS
	6" Butterfly	6005-SS
3	3" Shaft	3006-SS
	4" Shaft	4006-SS
	5" Shaft	5006-SS
	6" Shaft	6006-SS
4	Flag for 3" Shaft	3008-3-SS
	Flag for 4, 5 or 6" Shaft	3008-456-SS
5	3" Bearing Block - 4 Hole	3009-S
	4" Bearing Block - 4 Hole	4009-S
	5" Bearing Block - 4 Hole	5009-S
	6" Bearing Block - 4 Hole	6009-S
6	3" Bearing Block - Multi Hole	3010-S
	4" Bearing Block - Multi Hole	4010-S
	5" Bearing Block - Multi Hole	5010-S
	6" Bearing Block - Multi Hole	6010-S
7	3" Knob	3013-3SS
	4" Knob	3013-4SS

	PARTS NOT SHOWN	
N/S	CABLE INSTALLATION KIT	3600-SS-KIT
2	CLIP..CABLE HOLD DOWN	3600-1SS
1	CABLE STOP	3600-2SS
2	BOLT..SS	3600-3SS
2	NUT..SS	3600-4SS

Item Number	Description	Part Number
8	Knob Handle	3013
9	Spring Pin	3007
10	Butterfly Spring	3023
11	3" Trip Plate	3002-SS
	4", 5" & 6" Trip Plate	4002-SS
N/S	4" Trip Plate - Switch	4002-A-SS
N/S	4" Trip Plate - Switch Bracket	4002-B-SS
12	Stop Bracket	3003-SS
13	Stop Bracket Rubber - 3"	RS3-AFC
	Stop Bracket Rubber - 4"	RS4-AFC
14	Lock Lever	3011-SS
15	Sleeve	3004-SS
16	Lock Lever Screw	347-407S
17	Lever Spring	3022
18	"O" Ring	S70-011
19	Butterfly Mounting Screw	351-205S
20	Bearing Block Screw - 3"	352-103S
	Bearing Block Screw - 4"	352-303S
21	Top of Bearing Block Screw - 3"	352-205S
	Top of Bearing Block Screw - 4"	352-300S
22	Stop Bracket Screw	351-103S
23	Stop Bracket Hex Nut	353-004S
24	Butterfly Catch Screw	352-205S
25	Trip Plate Screw - 3"	352-300S
	Trip Plate Screw - 4"	352-400S

OUR KIL-AIRE FAMILY

KIL-AIRE™ SHUTDOWN VALVE PART NUMBERS

- 300-AFS-SS 3” KIL-AIRE SHUTDOWN VALVE
- 400-AFS-SS 4” KIL-AIRE SHUTDOWN VALVE
- 500-AFS-SS 5” KIL-AIRE SHUTDOWN VALVE
- 600-AFS-SS 6” KIL-AIRE SHUTDOWN VALVE

KIL-AIRE™ SHUTDOWN VALVE ACCESSORY PART NUMBERS

- 3175-ESD – 3” X 1-3/4” ADAPTER
- 3187-ESD – 3” X 1-7/8” ADAPTER
- 3200-ESD - 3” X 2” ADAPTER
- 3225-ESD – 3” X 2-1/4” ADAPTER
- 3250-ESD - 3” X 2-1/2” ADAPTER
- 3275-ESD – 3” X 2-3/4” ADAPTER
- 3287-ESD – 3” X 2-7/8” ADAPTER
- 4350-ESD – 4” X 3-1/2” ADAPTER
- 5450-ESD – 5” X 4-1/2” ADAPTER
- 3519-12V - 12 VOLT SOLENOID ADDER
- 3518-24V - 24 VOLT SOLENOID ADDER
- KIL-AIRE PSDS - PNUEMATIC VALVE ADDER
- 18-75-ADDER – ON/OFF AIR/FUEL SWITCH ASSEMBLY

Stanley Parts & Equipment Co., Inc.

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