

ignition switches



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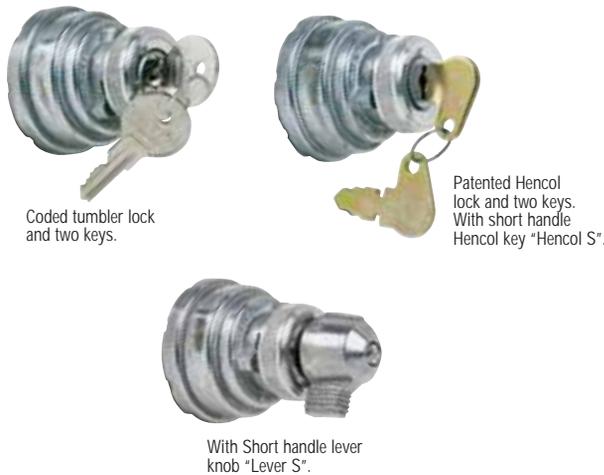
ignition switches

C1 956 SERIES BATTERY IGNITION AND STARTER SWITCHES

All ignition switches in this series with blade terminals accept Delphi (Packard) connector 2962912. In the tables: Actuation/Lock column: Hencol S = short handle Hencol keys 83357, Lever S = short handle lever knob 81254. Seal column: S = Shutter lock seal, G = Gasket seal, O = O-ring seal in stem.

Heavy Duty

Dependable switches with an array of options for every application.



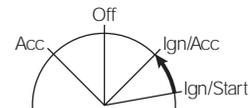
Terminals: Brass blade, 1/4" (6.4mm) wide, which accept Delphi (Packard) connector No. 2962912 or equivalent, or screw terminals with lock washers. Sealed terminal insulator.

Housing: Corrosion-resistant diecast construction.

Mounting: 1" -24 bushings fit panels from .030" (.76mm) through .090" (2.3mm) thick. All other bushing sizes fit panels .060" (1.5mm) up to .110" (2.7mm) thick.

4-Position

Part No.	Terminals	Actuation/ Lock	Seal	Ground Terminal	Bushing
956-4100	4 blade	Coded	S	-	1"-24
956-4104	4 screw	Coded	S	-	1"-24
956-4107	4 screw	Hencol S	G O	-	1"-24
956-4111	4 blade	Lever S	-	-	1"-24
956-4124	4 screw	Lever S	G O	-	1"-24
956-4154	5 screw	Coded	S	✓	1"-24
956-4304	4 screw	Coded	-	-	3/4"-24
956-4305*	4 screw	Coded	S G O	-	3/4"-24
956-4306*	4 screw	Hencol S	-	-	3/4"-24
956-4307	4 screw	Hencol S	G O	-	3/4"-24
956-4311	4 blade	Coded	O	-	3/4"-24
956-4354*	5 screw	Coded	S	✓	3/4"-24
956-4704	4 screw	Coded	S	-	7/8"-24
With identical key code CH-528					
956-4148	4 blade	Coded	S	✓	1"-24



Spring return to IGN/ACC. Key is removable only in the Off position.

Electrical ratings at 12V DC: 10A Accessory, 10A Ignition, 5A Start, 1A Ground

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★ Rapid ship item. BB Available in retail clamshell pack. ✪ Minimum order quantity may apply.

C ignition switches

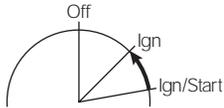
C1 956 SERIES BATTERY IGNITION AND STARTER SWITCHES

All ignition switches in this series with blade terminals accept Delphi (Packard) connector 2962912.

3-Position

Off – Ignition – Ignition/Start

Part No.	Terminals	Actuation/ Lock	Seal	Ground Terminal	Bushing
956-5144*	4 screw	Coded	S	✓	1"-24
956-5304*	3 screw	Coded	S	-	3/4"-24
956-5306*	3 screw	Hencol S	-	-	3/4"-24
956-5307	3 screw	Hencol S	G O	-	3/4"-24

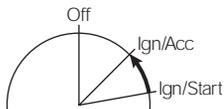


Spring return to IGN. Key is removable only in the Off position. Electrical ratings at 12V DC: 10A Ignition, 5A Start, 1A Ground

Off – Ignition/Accessories – Ignition/Start

Part No.	Terminals	Actuation/ Lock	Seal	Ground Terminal	Bushing
956-5109†	4 screw	Lever▲	G	-	1"-24
956-5122	5 screw	Coded	G S O	✓	1"-24
956-5124*	4 screw	Hencol S	G O	-	1"-24
956-5348*	5 screw	Hencol S	G O	✓	3/4"-24

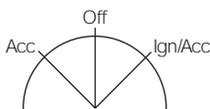
▲ Military lever. † Silver contacts.



Spring return to IGN/ACC. Key is removable only in the Off position. Electrical ratings at 12V DC:
 956-5109: 20A Accessory, 10A Ignition, 10A Start
 956-5122: 20A Accessory, 20A Ignition, 10A Start, 1A Ground
 956-5124: 10A Accessory, 10A Ignition, 5A Start
 956-5348: 10A Accessory, 10A Ignition, 5A Start, 1A Ground

Accessory – Off – Ignition/Accessories

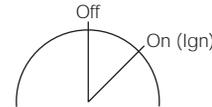
Part No.	Terminals	Actuation/ Lock	Seal	Ground Terminal	Bushing
956-6104	3 screw	Coded	S	-	1"-24
956-6107*	3 screw	Hencol S	G O	-	1"-24
956-6304*	3 screw	Coded	S	-	3/4"-24
956-6307	3 screw	Hencol S	G O	-	3/4"-24



Key is removable only in the Off position. Electrical ratings at 12V DC: 10A Accessory, 10A Ignition

2-Position

Part No.	Terminals	Actuation/ Lock	Seal	Ground Terminal	Bushing
956-7104*	2 screw	Coded	S	-	1"-24
956-7106*	2 screw	Hencol S	-	-	1"-24
956-7107*	2 screw	Hencol S	G O	-	1"-24
956-7304*	2 screw	Coded	S	-	3/4"-24



Key is removable only in the Off position. Electrical ratings at 12V DC: 10A Ignition

Anti-Restart Ignition Switches

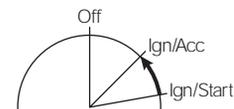
When the engine is running, the starter circuit cannot be energized. This prevents accidental damage to the starter motor, and is highly recommended in situations such as package delivery vehicles or in noisy locations where it might not be evident that the motor is running. The switch must be turned to the Off position before the start circuit can be re-energized.

Part No.	Terminals	Actuation/ Lock	Seal	Ground Terminal	Bushing
956-3122	5 screw	Coded	G S O	✓	1"-24
956-3124 ★	5 screw	Lever S	O	✓	1"-24
956-3125	4 screw	Coded	G S	-	1"-24
956-3126 ★	4 screw	Hencol S	G	-	1"-24
956-3127	3 screw	Lever S	G O	-	1"-24
956-3131*	5 blade	Coded	G S	✓	1"-24
956-3134♦	4 screw	Coded	G S	-	1"-24
956-3137*	4 screw	Hencol S	G O	-	1"-24

With identical key code CH-535

956-3130*	4 screw	Coded	G S	-	1"-24
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♦ Same as No. 3125 except with accessory terminal rotated 180°



Spring return to IGN/ACC. Key is removable only in the Off position.

Electrical ratings at 12V DC:

10A Accessory, 10A Ignition, 5A Start, 1A Ground: switches 956-3122, 956-3124, 956-3136.

30A Accessory, 10A Ignition, 10A Start: switches 956-3125, 956-3134.

30A Accessory, 10A Ignition, 10A Start, 1A Ground: switch 956-3131.

30A Accessory, 10A Ignition, 5A Start: switch 956-3136.

10A Ignition, 5A Start, 1A Ground: switch 956-3127.

10A Accessory, 10A Ignition, 5A Start: 956-3137.

★ Rapid ship item. BP Available in retail clamshell pack. ★ Minimum order quantity may apply.



ignition switches

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C1 956 SERIES BATTERY IGNITION AND STARTER SWITCHES

All ignition switches in this series with blade terminals accept Delphi (Packard) connector 2962912.

Extra Heavy Duty Ignition and Starter Switches

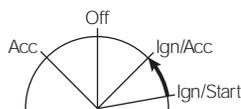
Specially designed for demanding applications with higher energy circuits, typically 30A or 20A at 12V DC.

4-Position

Accessory – Off – Ignition/Acc – Ignition/Start

Part No.	Terminals	Actuation/Lock	Seal	Ground Terminal	Bushing
956-4113	4 blade	Hencol S	S O	-	1"-24
956-4116*	4 blade	Coded	S G	-	1"-24
956-4138 ★	4 blade	Coded	-	-	1"-24
956-4141†	4 screw	Hencol S	S O	-	1"-24

† Silver contacts.



Key is removable only in the Off position. Spring return to IGN/ACC.

Electrical ratings at 12V DC:

30A Accessory, 10A Ignition, 5A Start: switches 956-4113, 956-4125.

30A Accessory, 10A Ignition, 10A Start: switch 956-4116.

20A Accessory, 20A Ignition, 10A Start: switches 956-4138, 956-4141.



anti-restart

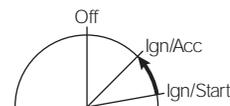
No more burned out starter motors! Use Anti-Restart Ignition Switches in situations where equipment is frequently left idling, and there is chance that the operator might 'restart' the engine. This occurs in industrial locations where noise levels are high, in delivery trucks, and many other situations.

See Section C1.

3-Position

Off – Ignition/Accessory – Ignition/Start

Part No.	Terminals	Actuation/Lock	Seal	Ground Terminal	Bushing
956-5108*	4 screw	Coded	S G	-	1"-24

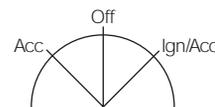


Key is removable only in the Off position. Spring return to IGN/ACC. Silver contacts.

Electrical ratings at 12V DC: 30A Accessory, 10A Ignition, 10A Start.

Accessory – Off – Ignition/Accessory

Part No.	Terminals	Actuation/Lock	Seal	Ground Terminal	Bushing
956-6310*	3 screw	Hencol S	S O	-	3/4"-24



Key is removable only in the Off position. Electrical ratings at 12V DC: 30A Accessory, 10A Ignition.



custom ignition switches

A customer recently asked us to design a totally new ignition switch, sealed to IP67 and with an integrated connector. Our engineers work closely with OE engineers to design switching solutions. How can we help you?

UNIVERSAL SWITCHES C2



Cole Hersee Co. 20 Old Colony Ave, Boston, MA 02127-2467

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T 617.268.2100 F 617.268.9490 www.colehersee.com

★ Rapid ship item. BB Available in retail clamshell pack. ★ Minimum order quantity may apply.

C ignition switches

C6 INFORMATION ON IGNITION SWITCHES

Actuators



Coded tumbler lock.



Hencol L. Long handle keys 83353.



Hencol S. Short handle keys 83353.



Lever L. Long handle lever knob 80101-B.



Lever S. Short handle lever knob 81254.



Military lever.

Contacts

Silver contacts are highly-conductive and give a long life to the switch, by minimizing arcing. They are available on many of our switches.

Grounding

Switches are offered with a grounded case design or with a separate ground terminal. A grounded case switch must be installed in a metal panel which is part of the vehicle ground system. For installation in non-grounded panels, select a switch with ground terminal.

Battery ignition switches with a ground circuit permit the operator to check panel indicator lights when the switch is turned to the start position.

Replacement Switches

We have Delco replacement switches, as well as other items that are not listed. Check with Cole Hersee.

Special Requirements

We design and manufacture switches for OEMs of all kinds of equipment. Our engineers can work with your staff to evolve the best design. We can work from the ground up to solve a switching problem...or we might be able to save you money by adapting an existing switch. Contact us.

Other applications for Ignition Switches

Our switches are designed to meet the rigors of use in land and marine vehicles, but they can also be used in any low voltage DC application.

Delphi (Packard) Connectors

All 956 Series Ignition Switches with blade terminals mate with Delphi (Packard) connector 2962912.

95663-01 accepts Delphi (Packard) 2973422.

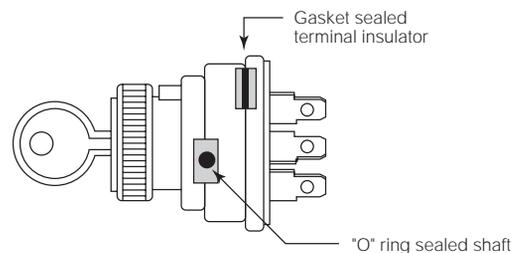
95663-04 accepts Delphi (Packard) 2973422.

95561-01 accepts Delphi (Packard) 2973386.

95564-01 accepts Delphi (Packard) 2965454.

Weather-Resistant Options

For inclement conditions, we can add an O-ring seal in the bushing and a gasket seal to protect the terminal insulator, or we can plastic coat the switch by special order. You can also use Rubber Boot/Mounting Nuts and Plastic Caps (see 'Accessories' in this section). Marine construction switches generally have brass cases and added protection against the wave and weather. You can also find different types of starter switches in Section A Rocker Switches, Section B Toggle Switches, Section G Push Button Momentary Switches and Section F Push-Pull Switches.



Circuitry

We have many options in 2- 3- and 4-Positions, for Battery Ignition and Magneto Switches. Anti-Restart switches prevent an engine from being accidentally re-energized when running, and protects the circuitry from an inadvertent overload.

Terminals

Screw terminals have lockwashers to ensure continued connection of wires. Blade terminals are made of brass, 1/4" (6.4mm) wide. Any switch can be fitted with wire leads by special order.



custom keys

We made this elegant key to grace the keyrings of Cobalt boat owners. The keys will start their beautiful boats using reliable Cole Hersee ignition switches. But we also make different styles of custom keys for workhorse vehicles.

Whether you want a glossy or embossed logo key, we can do that. Ask us!