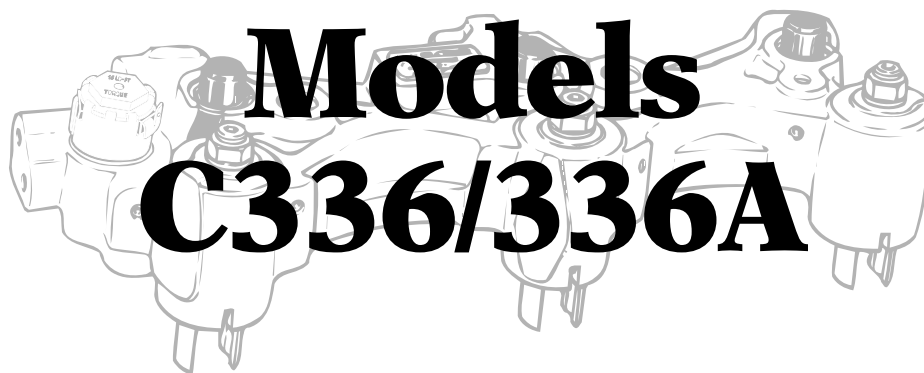




Models C336/336A

Application and adjustment information is contained in the Installation Manual, P/N 014744, and Application Information Guide, P/N 020995.

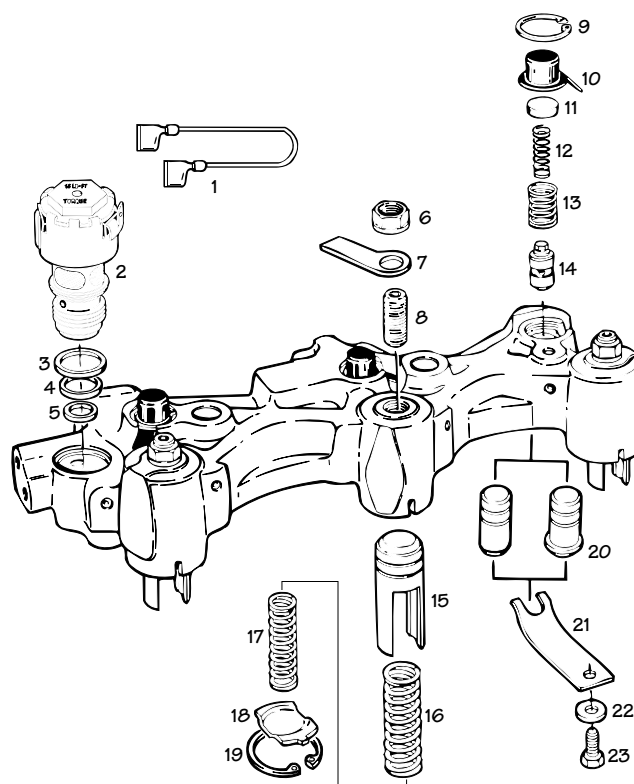
Information in this manual was current at the time of printing and is subject to change without notice or liability. Jacobs service literature should be consulted for additional applications and updated information.

PARTS MANUAL

Models C336/336A Housing Assemblies

Engine Brake Model	Pkgd. Housing Part No.	Description
C336	014353	Front housing assy., 12 VDC
C336	014354	Rear housing assy., 12 VDC
C336	018949	Front housing assy., 24 VDC
C336	018950	Rear housing assy., 24 VDC
336A	018984	Front housing assy., 12 VDC
336A	018985	Rear housing assy., 12 VDC
336A	020038	Front housing assy., 24 VDC
336A	020039	Rear housing assy., 24 VDC

Illus. No.	Part No.	Part Name	Quantity/ Housing
1	020820	Solenoid harness	1
2	020239	Solenoid valve, 12 VDC	1
2	020236	Solenoid valve, 24 VDC	1
3	020229	Upper seal ring	1
4	001082	Center seal ring	1
5	001083	Lower seal ring	1
6	009353	Hex nut	3
7	018995	Lash set tab, 0.135", 336A only	3
8	014351	Adjusting screw	3
9	011284	Retaining ring	3
10	011252	Control valve cover	3
11	014431	Control valve shim	3
12	007500	Control valve inner spring	3
13	010843	Control valve outer spring	3
14	011930	Control valve	3
15	013430	Slave piston	3
16	013418	Slave piston outer spring	3
17	013417	Slave piston inner spring	3
18	008895	Slave piston retainer	3
19	001023	Slave piston retaining ring	3
20	014679	Master piston, C336 only	3
20	005612	Master piston, 336A only	3
21	013428	Master piston flat spring	3
22	001030	Washer	3
23	001492	Hex capscrew	3

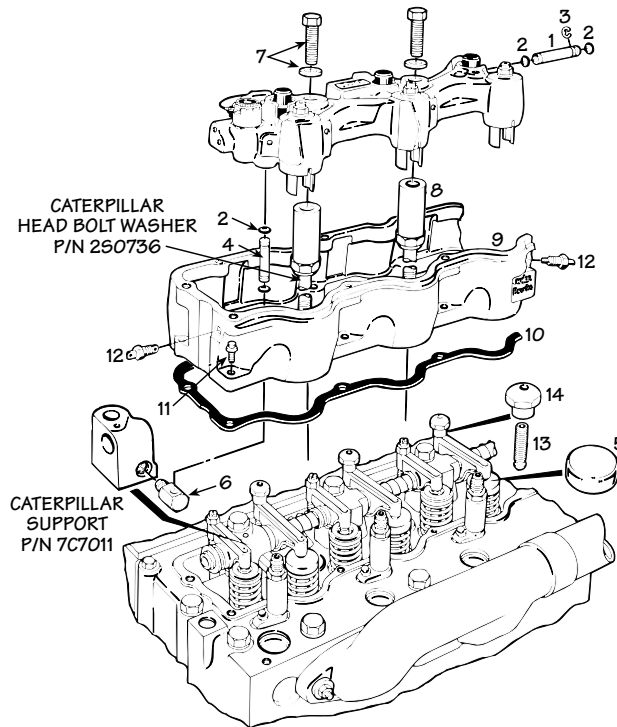


NI Not Illustrated

Attaching Parts Group

NOTE:

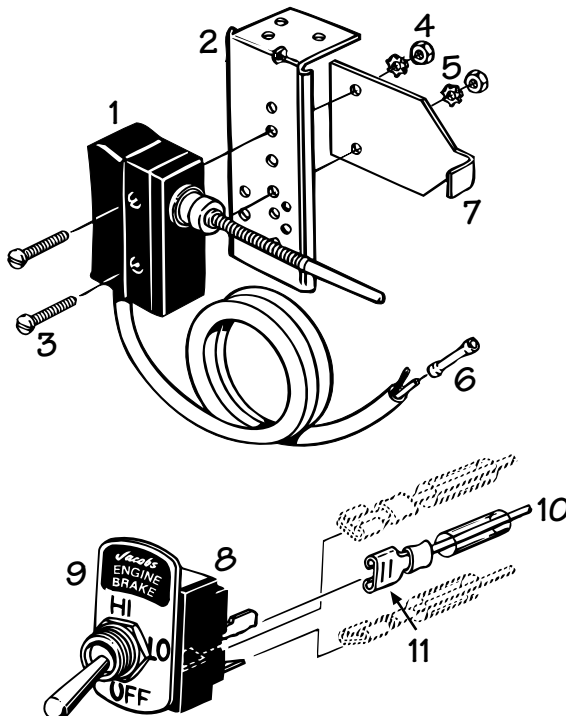
CONTROLS INSTALLED BY VEHICLE OEMS
MAY BE DIFFERENT THAN CONTROLS
SUPPLIED BY JACOBS.



Illus. No.	Part No.	Part Name	Quantity/ Housing
	014760	Hsg. Attg. Parts Group	1
1	013427	• Jumper oil supply tube	1
2	014439	• O-ring	4
3	014540	• E-ring	1
4	014276	• Feed oil supply tube	1
5	018882	• Valve cap guide assy.	6
6	013120	• Oil supply fitting	1
		Mounting Stud Group*	1
7	017442	• Washer & mounting bolt	4
8	017156	• Stud	4
9	020972	Spacer	1
10	014750	Gasket	1
		Spacer Attg. Parts Group*	1
11	017077	• Hex screw	15
12	017657	• Terminal leadout	2
		Adjusting Screw Group	1
13	014632	• Adjusting screw	6
14	012807	• Spherical nut, C336 only	6
14	018993	• Spherical nut, 336A only	6

Control Groups

P/N 005898 Cab Control Group



Illus. No.	Part No.	Part Name	Qty./ Group
	012261	Clutch Switch Assembly	1
1	012246	• Clutch switch	1
2	012269	• Switch mount bracket	1
3	005377	• Pan head screw	2
4	005378	• Lockwasher	2
5	003306	• Hex nut	2
6	013078	• Butt splice	2
NI	013674	• Instruction sheet	1
7	012262	Overtravel bracket**	1
	003776	Dash Switch Assembly	1
8	003586	• Toggle switch	1
9	003777	• Dash plate	1
10	003707	Shrink tube	4
11	002014	Receptacle	4
NI	007221	Harness	1
NI	015758	Harness	1
NI	016556	Wiring diagram	1
NI	006833	Cable tie	12
NI	003708	Shrink tube	2

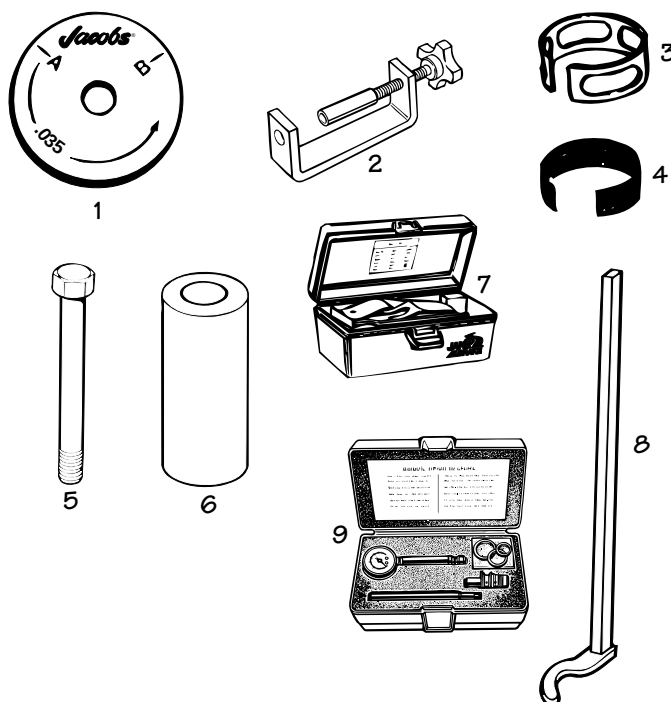
* Not Sold Separately

** Optional Item -- Not Included in Switch Assembly

NI Not Illustrated

Service Tools and Parts

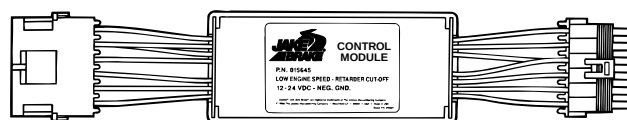
Illus. No.	Part No.	Part Name
1	014767	Feeler gage, 0.035", C336 only
2	017397	Slave piston removal tool
3	001283	Solenoid screen retainer
4	001282	Solenoid screen
5	016895	Mounting bolt, C336 only
6	012804	Support, C336 only
7	017465	Tool box
8	018989	Feeler gage, 0.135", 336A only
9	018280	Oil pressure test group
NI	019469	Tune-up Kit



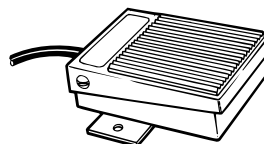
Control System Options

P/N 015644 Low Engine Speed Retarder Cut-off Group

Illus. No.	Part No.	Part Name	Qty./Group
NI	015645	Control module	1
NI	016175	Wiring harness	1
NI	016177	Wiring harness	1

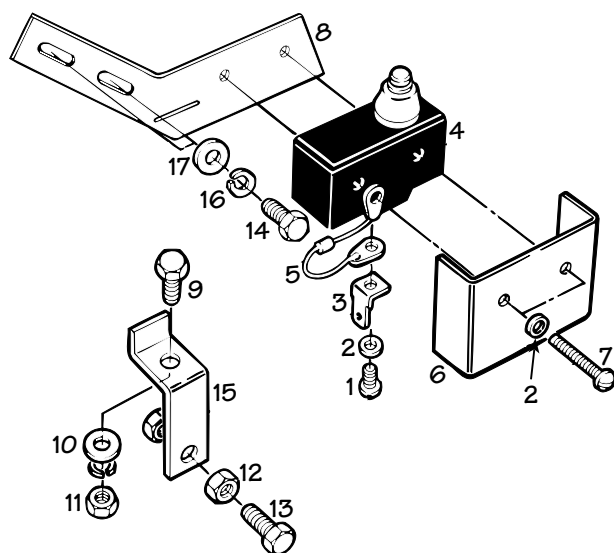


P/N 012260 Foot Switch Group



Control Groups (cont.)

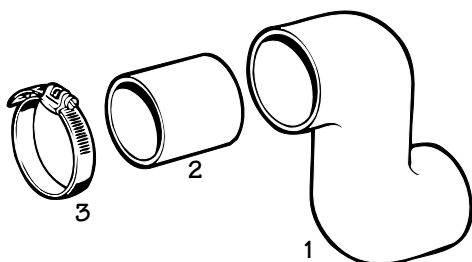
Engine Control Group



Illus. No.	Part No.	Part Name	Qty./Group
	015840	Switch Assembly, neg. ground	1
1	001558	• Binder head screw	2
2	001559	• Lock washer	4
3	001512	• Tab	2
4	018188	• Switch	1
5	001534	• Diode assembly	1
6	001180	• Switch cover	1
7	001244	• Tapping screw	2
8	015824	• Switch bracket	1
	014759	Actuating Group	1
9	014770	• Hex bolt	1
10	002190	• Flat washer	1
11	014769	• Lockwasher	1
12	002156	• Hex nut	3
13	014771	• Hex bolt	1
14	014773	• Hex bolt	2
15	014641	• Actuating arm	1
NI	003708	Shrink tube	1
NI	002014	Receptacle	1
NI	003881	Harness	1
NI	002497	Lockwasher	2
NI	005656	Plain washer	2

P/N 014762 Hose Venting Group

For use with Jacket Water After-cooled Engines
(Optional Item)



Illus. No.	Part No.	Part Name	Qty./Group
1	012806	Vent hose	1
2	014645	Coupling	1
3	014758	Clamp	1



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