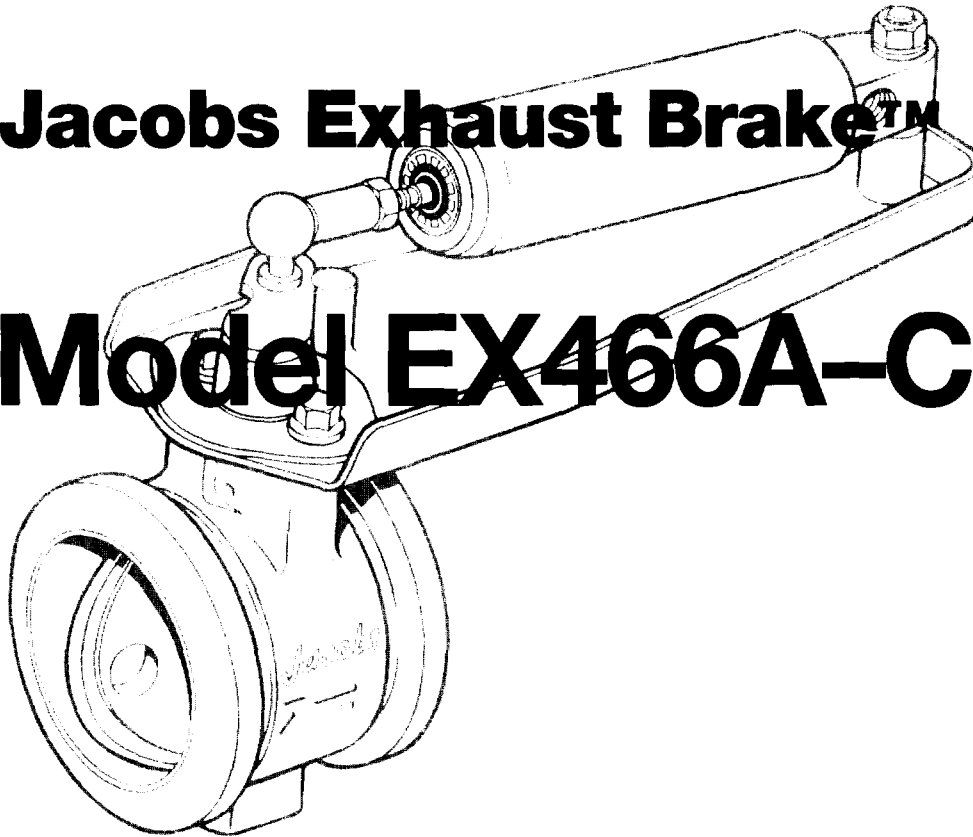




**Jacobs Vehicle Systems™**

**Jacobs Exhaust Brake™**

**Model EX466A-C**



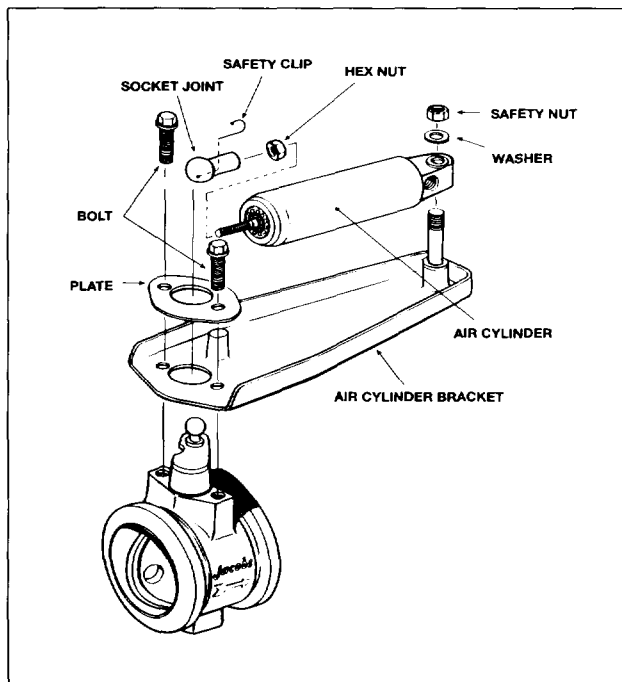
**INTERNATIONAL®**

**PARTS MANUAL**

## Application Notes

Information in this manual was current at the time of printing and is subject to change without notice or liability.

Vehicles equipped with hydraulic brakes may not have an on-board air supply. Vehicles without an on-board air supply require the installation of an auxiliary air supply system. For these vehicles, order Pneumatic Group with Air Supply, P/N J19482. Refer to the instructions in this group for parts and installation information.



Exploded view of exhaust brake assembly

## Exhaust Brake Assembly and Attaching Parts

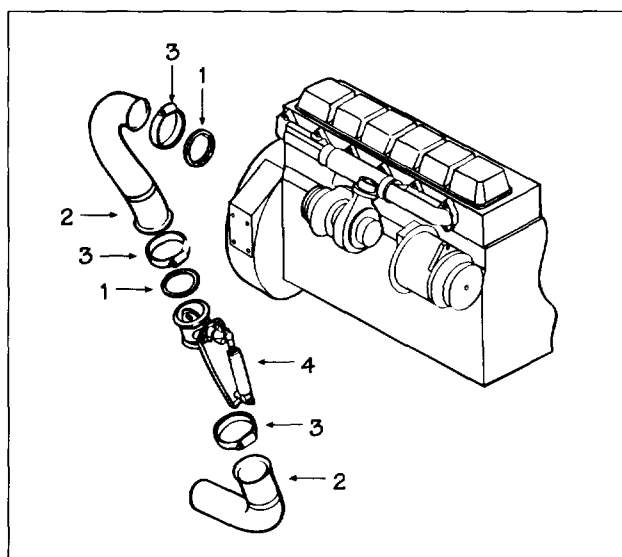
III. No.	Part Number	Description	Qty./ Engine
1	2015983C1	Gasket	2
2	NSS	Turbo pipe	1
3	NSS	"V" clamp	3
4	NSS	Exhaust pipe	1
5	690695C91	Model EX466A-C brake assy.1	

## Engine Conversion Parts Group, P/N 1821043C91

NI	NSS	Rocker arm	12
NI	NSS	Valve spring lock	24
NI	NSS	Rotator assembly	6
NI	NSS	Exhaust valve spring	6
NI	NSS	Valve cover gasket	1
NI	NSS	Valve cover grommet	6
NI	NSS	Instructions	1

NI = Not Illustrated

NSS = Not sold separately



Jacobs Vehicle Systems  
22 East Dudley Town Road  
Bloomfield, CT 06002



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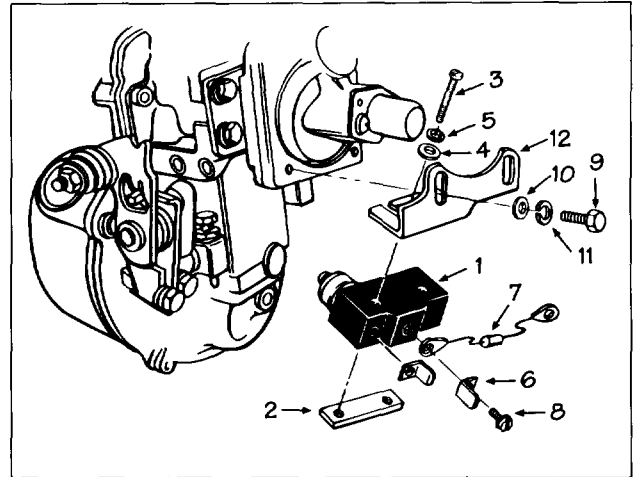
Visit us on the Internet:  
[www.jakebrake.com](http://www.jakebrake.com)

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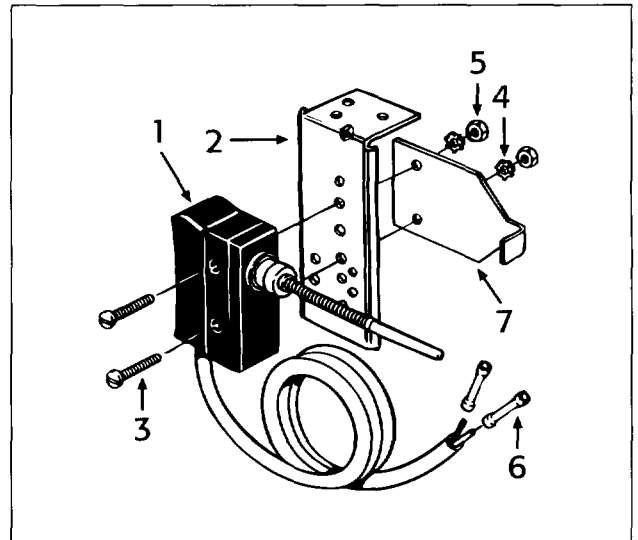
## Engine Control Group (NSS)

III. No.	Part Number Description	Qty./ Group
1	Switch	1
2	Clamp	1
3	Screw	2
4	Plain washer	2
5	Lock washer	2
6	Quick disconnect tab	2
7	Diode assembly	1
8	Screw assembly	2
9	Hex cap bolt, M6 x 1.20	2
10	Plain washer, 6 mm	2
11	Lock washer, 6 mm	2
12	Bracket	1



## Clutch Switch Group, P/N J12261

III. No.	Description	Qty./ Group
1	Clutch switch	1
2	Switch mount bracket	1
3	Pan head screw	2
4	Lock washer	2
5	Hex nut	2
6	Butt splice	2
NI	Instruction sheet	1

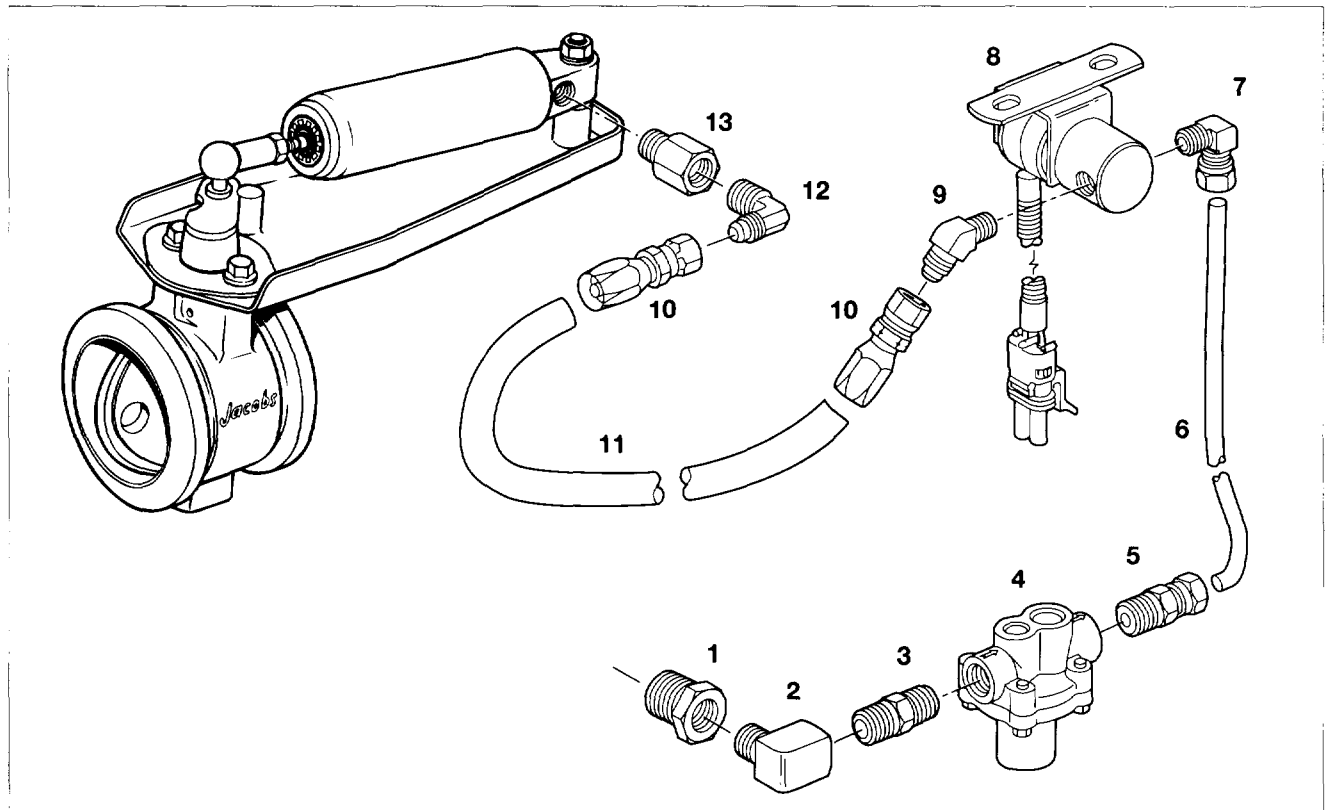


## Dash Switch Group, NSS

III. No.	Description	Qty./ Group
NI	Dash switch	1
NI	Switch plate (English)	1
NI	Switch plate (Spanish)	1
NI	Dashboard decal (Eng.)	1
NI	Dashboard decal (Span.)	1

## Wire Harness (NI), P/N J18899

NI = Not illustrated  
 NSS = Not sold separately



III. Part No.	Part Number	Description	Qty./ Group	III. Part No.	Part Number	Description	Qty./ Group
1	NSS	Bushing	1	10	NSS	Hose fitting assembly	2
2	NSS	90° street elbow, 1/4 NPT	1	11	NSS	Air brake hose	1
3	NSS	Hex nipple	1	12	NSS	45° flared 90° elbow, 1/4 NPT	1
4	J18908	Protection valve	1	13	NSS	Adapter	1
5	NSS	Compression fit. assy.	1	NI	NSS	Support clamp	5
6	NSS	Air brake tube	1	NI	NSS	1/4 - 20 x 1 hex bolt	5
7	NSS	Compression fit. assy.	1	NI	NSS	1/4 - 20 hex nut	5
8	J19304	Solenoid valve assembly	1	NI	NSS	Plain washer	5
9	NSS	45° flared 45° elbow, 1/8 NPT	1	NI	NSS	Lock washer	5

NI = Not illustrated  
 NSS = Not sold separately