



Jacobs Exhaust Brake™

For Dodge Ram Trucks Equipped with the Cummins
ISB5.9 Engine and a Manual Transmission

Parts Manual

Application Notes

This Jacobs Exhaust Brake™ has been specifically engineered for Dodge Ram trucks equipped with the Cummins ISB5.9 Turbo Diesel engine and a manual transmission. All parts for complete installation are included in the kit (Mopar P/N 82205577, Cummins P/N 3800792).

Important!

For all 1999, 2000, 2001 and 2002 model year trucks, the Engine Control Module (ECM) has been preprogrammed for exhaust brake operation. All 98 1/2 trucks may need an ECM Service Calibration performed by an authorized Cummins Distributor before the E Brake will operate. If you have not already had this Service Calibration performed, see your Cummins distributor for details.

For Manual Transmission only!

NI = Not Illustrated
NSS = Not Sold Separately

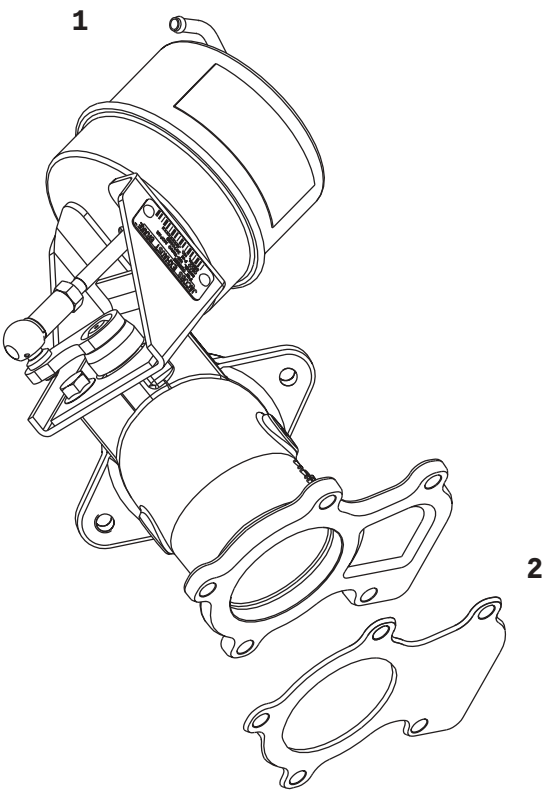
Exhaust Brake Assembly Group, Mopar P/N 05017008AA, Cummins P/N 3800791

III.	Mopar No. P/N	Cummins P/N	Description	Qty./ Group
1	NSS	3870839	Exhaust Brake assembly	1
2	05017005AA	3535001	Gasket	1
NI	05017006AA	3530556	Cap Screws	5

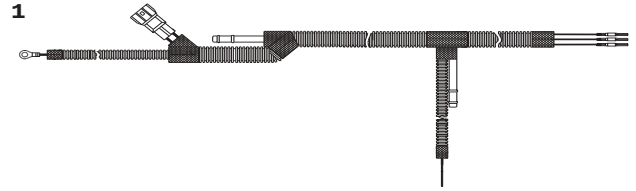
For additional information or technical support, contact Cummins Customer Assistance Center by calling 1-800-DIESELS (1-800-343-7357)

**CAUTION**

THE EXHAUST BRAKE ASSEMBLY IS NOT FIELD SERVICEABLE. DO NOT ATTEMPT TO DISASSEMBLE EXHAUST BRAKE ASSEMBLY COMPONENTS OR DAMAGE TO THE EXHAUST BRAKE MAY OCCUR.



**Wire Harness,
Mopar P/N 05013766AA, Cummins P/N 3870864**



**Dash Switch Group,
Mopar P/N 05013764AA, Cummins P/N 3800359**

III. Mopar No. P/N	Cummins P/N	Description	Qty./ Group
NI NSS	NSS	Dash switch/harness assy.	1
NI NSS	NSS	Connector Housing	1
NI NSS	NSS	Terminal	2
NI NSS	NSS	Conduit, 16 1/2" long	1

**Pneumatic Group,
Mopar P/N 05013784AA, Cummins P/N 3800358**

III. Mopar No. P/N	Cummins P/N	Description	Qty./ Group
1 05013772AA	3933133	Vacuum solenoid assembly	1
NI NSS	NSS	Hose, 1/4" I.D. x 6"	2
NI NSS	NSS	Hose, 1/4" I.D. x 30"	2
NI NSS	NSS	Hose, 1/4" I.D. x 1.5"	1
2 NSS	NSS	Hose Barb Fitting (1/4" hose to 1/4" NPT)	1
3 NSS	NSS	90° elbow (1/4" hose to 1/4" NPT)	1
NI NSS	NSS	"Y" connector, (1/4" x 1/4" x 1/4")	1
NI NSS	NSS	Hose clamps	1
4 NSS	NSS	Mounting plate	1
NI NSS	NSS	Isolator grommet	4
NI NSS	NSS	Machine screw, #8-32 x 3/8"2	1
NI NSS	NSS	Lock washer, #8	2
NI NSS	NSS	Well nut	4
NI NSS	NSS	Hex bolt, M6 x 1 x 40	4
NI NSS	NSS	Lock washer, M6	4
NI NSS	NSS	Large washer	4
NI NSS	NSS	Lock nut, M6 x 1	1
5 NSS	NSS	P-clip	1
NI NSS	NSS	Cable ties	12

