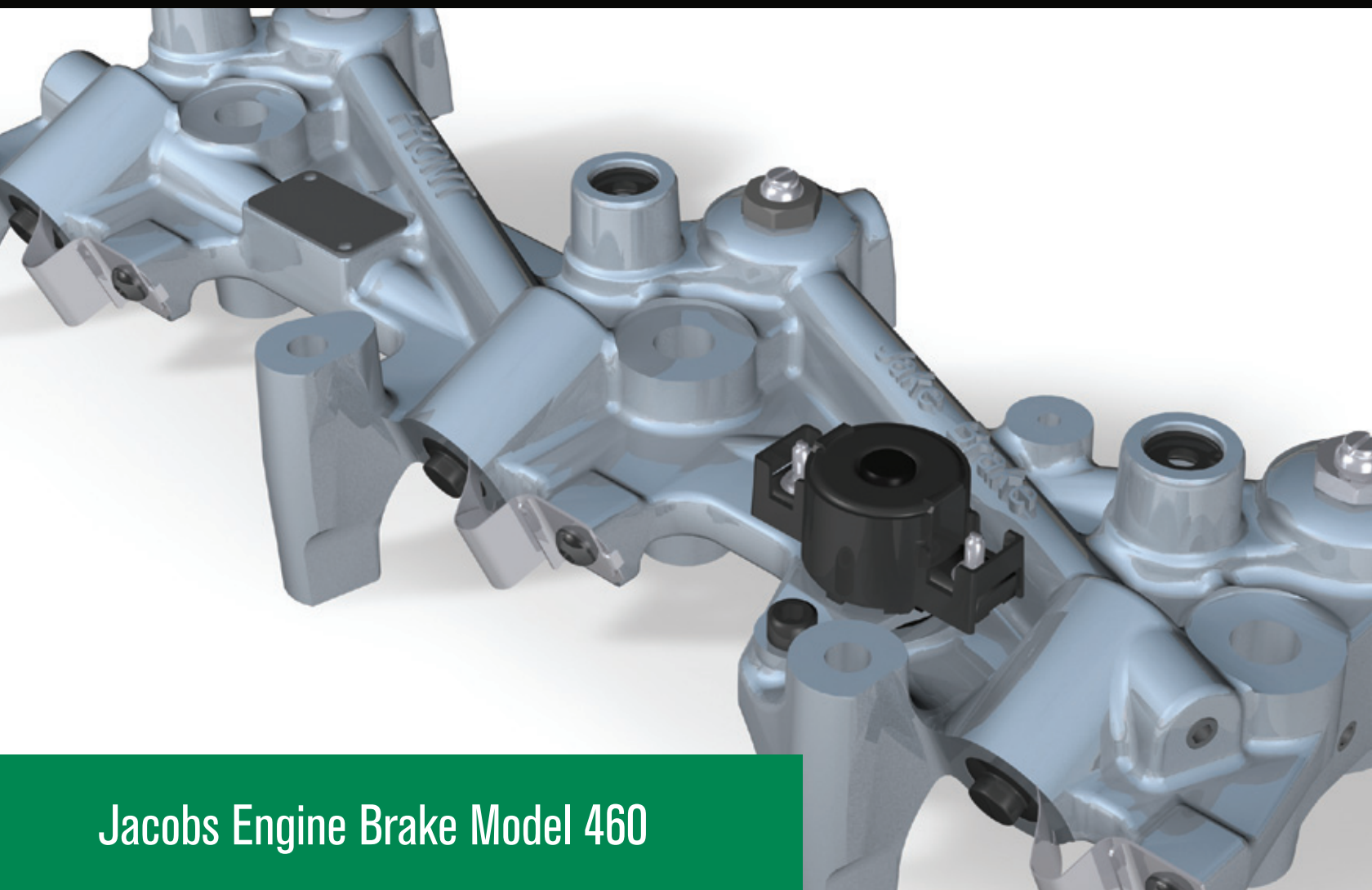




Jacobs Vehicle Systems®



Jacobs Engine Brake Model 460

For the **CUMMINS ISX11.9 Engine**

Jacobs' engineers worked closely with Cummins from the conceptual stage to develop a new engine brake for the 2010 ISX11.9 engine. This collaboration of efforts resulted in an engine brake design with higher retarding performance, less weight, fewer components and lower height. These features also allow for ease of installation and serviceability.

FEATURES

- Jacobs trademark Jake Brake®
- Matches Engine base standard warranty
- Three stage engine brake operation, low/med/high
- Certified and approved by the engine manufacturer
- Fully integrated with engine electronic controls
- Integrated with vehicle ABS for greater driver control
- Factory installed
- Quieter performing brake



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Performance Information

ISX11.9 RETARDING HORSEPOWER

RPM	HP	KW	Torque (ft-lbs)
1100	132	98	630
1300	181	135	731
1500	236	176	826
1700	294	219	908
1900	345	257	954
2100	383	286	958

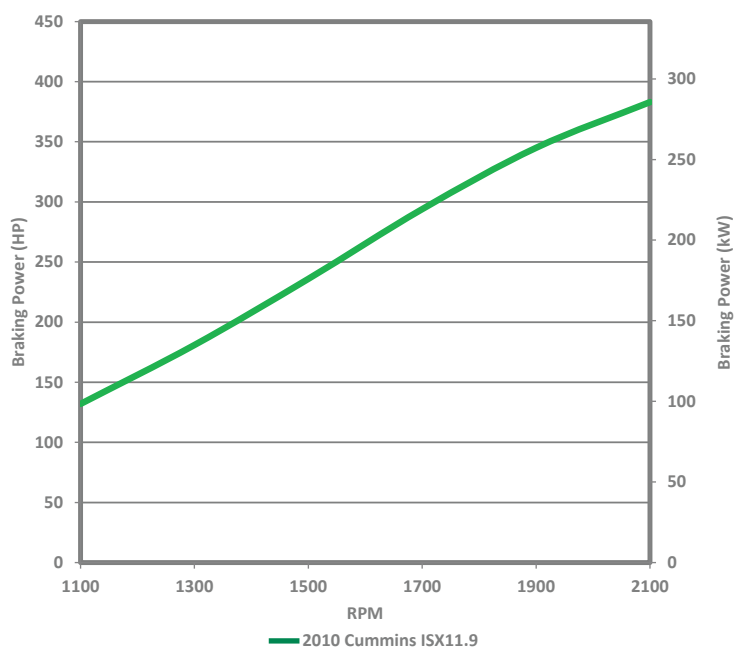
Technical Specifications

Height	3.2"	82 mm
Length	15.8"	401 mm
Width	5.9"	150 mm
Kit Added Weight	16.8 lbs.	7.6 kg.
Housings Per Engine	2	
Lash Setting	0.1496"	3.8 mm

Serviceable Part Numbers

	Cummins P/N	Jacobs P/N
Type II Solenoid	3686406	039012
Front Housing	4298971	040644
Rear Housing	4298972	040645
Crosshead	2883286	038004
Aftermarket Base Kit	2882113	N/A
Feeler Gage	4919693	N/A
Tune-Up Kit	4309201	040350

Performance



Engine Brake Warranty

Will match the basic warranty mutually agreed by Jacobs and the engine manufacturer up to the maximum of 2 years or 250,000 miles (400,000 km), whichever comes first.

ALL claims for warranty are submitted through Cummins and will be subject to the limitations of the agreement