



Jacobs Engine Brake (Intebrate)

For the **CUMMINS ISX 15L Engine**

Jacobs' engineers worked closely with Cummins from the conceptual stage to develop the 2010 engine brake for the ISX 15L engine. This collaboration of efforts resulted in an integrated design which, through optimization of the air management system, increased the mid-range retarding performance of the engine brake.

FEATURES

- Jacobs trademark Jake Brake®
- Dedicated Cam Lobe design for Optimum Power
- Horsepower levels to 600HP
- 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 and with vehicle ABS for greater driver control
- Factory installed
- Standard on all automotive engines
- Quieter performing brake



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Technical Specifications

Kit Added Weight*	20 lbs.	9.0 kg.
Rocker Units Per Engine	6	
Lash Setting	0.2756"	7.0 mm
Running Clearance	0.025-.110"	
Tune-up Kit	P/N 20281 Rev. B (2882081)	
Feeler Gage	P/N 3163530	

*No aftermarket kit is available

Performance Information

CUMMINS Intebrate A

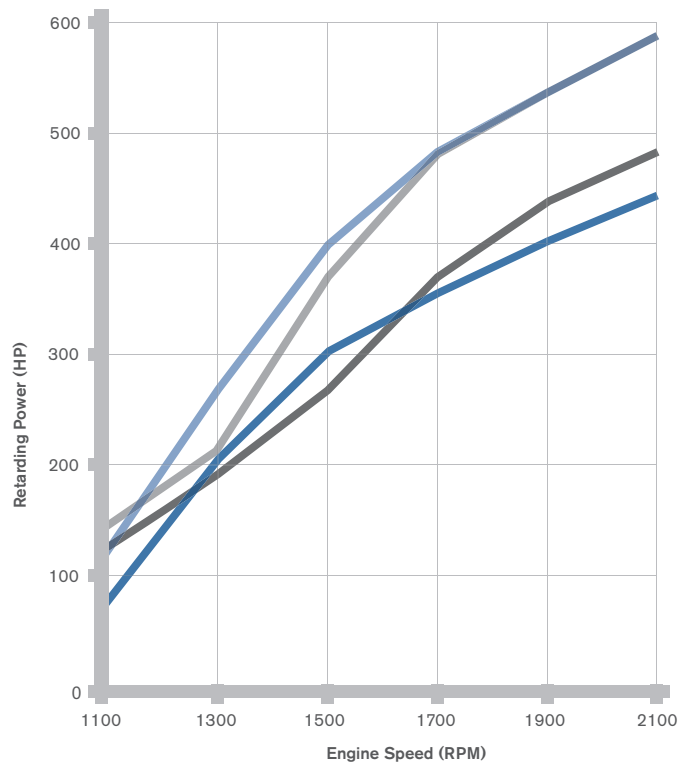
INTEBRAKE: 1998-2009		
RPM	KW	HP
1100	93-108	125-145
1300	140-157	188-210
1500	201-265	270-355
1700	272-354	365-475
1900	317-395	425-530
2100	350-440	470-590

INTEBRAKE A: 2010		
RPM	KW	HP
1100	91-92	122-124
1300	192-211	258-283
1500	296-303	397-407
1700	354-365	475-490
1900	396-402	530-540
2100	415-442	557-593

Important Note: Horsepower values in table are raw horsepower numbers. Rated engine speed is 1800 RPM, Governed speed is 2020 RPM.

Legend

1998-2009 2010
 KW HP KW HP



Seviceable Part Numbers

Type I Solenoid – EPA Model Year 2007 and earlier

12 VDC S/L V-Blade	P/N 4024759
12 VDC D/L V-Blade	P/N 3871710

Type II Solenoid – EPA Model Year 2010

12 VDC S/L V-Blade	P/N 3686406
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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