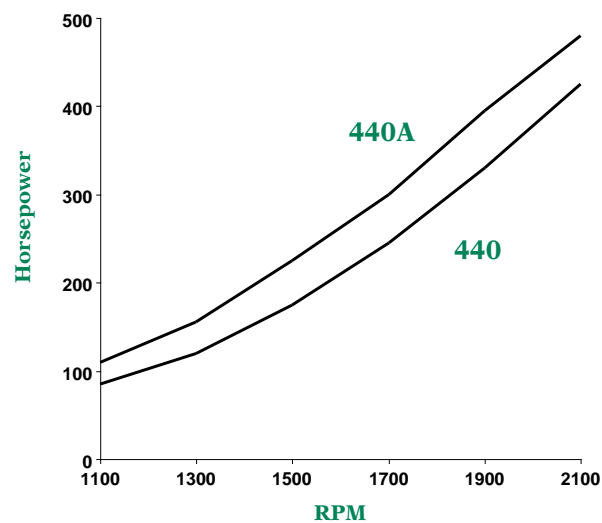


- Applicable to Cummins 1991 N14 Engines
- 40 percent Horsepower Improvement Over Pre-1991 Engine Brakes
- Highest Horsepower Jake Brake Available
- Three Braking Levels for Improved Operating Flexibility
- Single Housing Design for Simplicity and Interchangeability
- Common Components with Other Jake Brake Models for Easy Serviceability

Models 440/440A Performance

RETARDING HORSEPOWER		
RPM	440	440A
1100	85	110
1300	120	155
1500	175	225
1700	245	300
1900	330	395
2100	425	480

All horsepowers listed at SAE standard atmospheric conditions.





Overall Dimensions of Basic Engine Brake Housing	Inches	Millimeters
Height	2.8	71
Length	13.8	350
Width	8.5	215
Added Engine Height ¹	2.8	71

Weight of Standard Engine Brake Kit	Pounds	Kilograms
Shipping Weight	108	49
Added Vehicle Weight ²	102	46

Number of Housings per Kit

Three, Each Controlling Two Engine Cylinders

Torque Specifications

Part	Torque Value
Housing Hold-down Capscrew	70 lbft. (95 N•m)
Slave Piston Adjusting Screw Locknut	25 lbft. (34 N•m)
Solenoid Valve	5 lbft. (7 N•m)
Master Piston Spring Capscrew	8 lbft. (11 N•m)
Electrical Terminal Connector	10 lbin. (1.1 N•m)

Engine Brake Applications and Adjustment

Model	Engine	Slave Piston Adjustment	Slave Piston Adjustment Tool P/N
440	1991 N14 STC	0.023" (0.58 mm)	017685
440A ³	1991 N14 CELECT* ⁴	0.023" (0.58 mm)	017685

¹ Added height refers to overall vertical increase.

² Because some engine brake components replace standard engine parts, added vehicle weight does not necessarily equal weight of pre-installed Jacobs Engine Brake.

³ Model 440A replaces the former Model 445.

⁴ Exception: For Cummins N14 CPL 1580 (N14 430E CELECT and N14 460E CELECT) and N14 CPL 1611 (N14 500E CELECT), use Model 440 (460 braking horsepower at 2100 RPM).

* CELECT is a trademark of Cummins Engine Company.



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