



ADEPT.™

Aftermarket Kit For ISX15 Engines.



RPM
SWEET
SPOT

GPS SmartCoast AMT Downhill

Route Parameter
Manager

Predictive Cruise Control

SmartTorque2 FUEL ECONOMY

5% IMPROVED Technology That Transforms ECM
0 MPG REDUCES ENGINE FUELING



AD

5% BETTER MPG

Cummins ADEPT harnesses the electronic capabilities of your engine and transmission, continuously taking advantage of vehicle momentum and system integration to achieve up to 6 percent better fuel economy, when spec'd with Cummins X15™ Efficiency Series and an automated manual transmission.

If you own a Cummins 2013 ISX15 or newer engine, here's some great news: Cummins ADEPT technology featuring SmartTorque2 (ST2), SmartCoast™ and Predictive Cruise Control is now available as an upgrade – with the potential to increase your fuel economy by as much as 5 percent. Actual fuel-economy gains are dependent on road and route conditions as well as the amount of time drivers utilize cruise control.

Upgrade And Unlock The Savings.

- For any ISX15 engine built after January 2013 rated at 400 hp to 475 hp and mated to an automated manual transmission
- Upgrade your Electronic Control Module (ECM) software to add SmartCoast and SmartTorque2 for a 3 percent fuel-economy increase
- Unlock Predictive Cruise Control features and gain an additional 2 percent in fuel economy by adding Cummins proprietary aftermarket kit to your truck

SmartTorque2

SmartTorque2 determines the exact amount of torque needed to maintain road speed and stay inside the “sweet spot” in the RPM range. It continuously monitors the selected gear and overall engine load as a result of the gross vehicle weight, aerodynamic drag and road grade.

GROSS VEHICLE WEIGHT

+

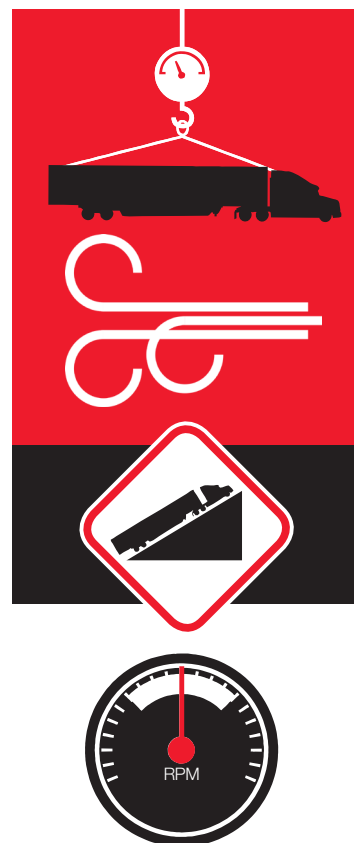
DYNAMIC DRAG

+

ROAD GRADE

=

RPM SWEET SPOT



+1% MORE MPG

- Eliminates unnecessary downshifts
- Steadier engine operation within optimum RPM range



SmartCoast™

With SmartCoast, the engine and transmission work in concert to improve the efficiency of coasting events. On moderate downhill grades, the driveline is neutralized, allowing the engine to return to idle and reducing drag on the vehicle. That results in conservation of the vehicle's momentum, and improved fuel economy.

- Neutralizes driveline
- Leverages gravity and vehicle momentum
- System seamlessly responds to driver's braking or acceleration needs

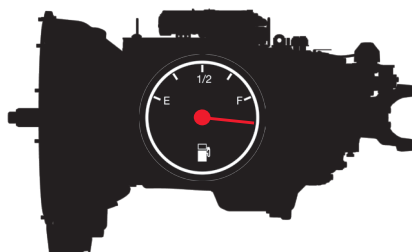
+2% IMPROVED MPG ...

REDUCES ENGINE FUELING



Predictive Cruise Control

Predictive Cruise Control utilizes your GPS position along with an on-board map database to dynamically adjust speed and torque. It **"sees"** the road 2 kilometers ahead, and adjusts vehicle speed, slightly increasing speed to build momentum as you approach an incline. Then, as you near the top of the hill, Predictive Cruise Control rolls back off of the throttle, taking advantage of gravity to further improve fuel economy.

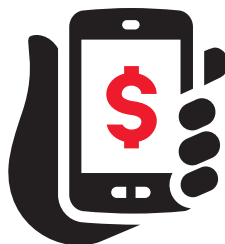


+2%
ADDS UP TO
=5%
BETTER MPG ...

Cummins proprietary Route Parameter Manager kit contains the GPS mapping information to unlock Predictive Cruise Control. **Once the kit is installed, a simple recalibration of the ECM will activate the full suite of ADEPT technologies.**

- Improves the fuel-economy gains achievable with ST2 and SmartCoast technologies alone

Start Saving.



To learn more about ADEPT, or to order the Route Parameter Manager aftermarket kit, contact your local Cummins distributor or dealer, or call Cummins Care at 1-800-CUMMINS™ (1-800-286-6467).



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