



Run Smart

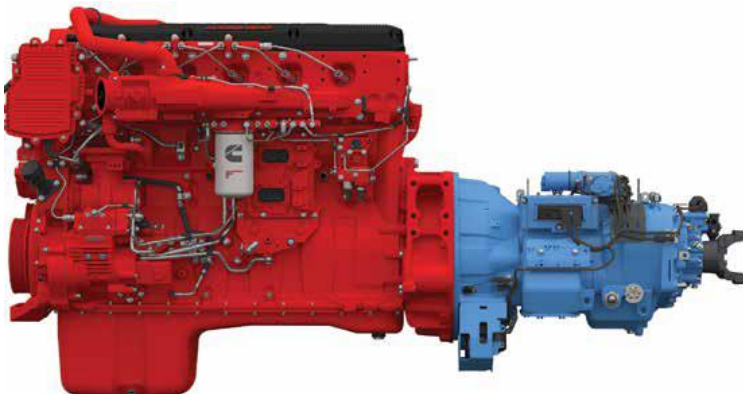
Cummins & Eaton SmartAdvantage™ Powertrain

What is it?

- Cummins and Eaton have partnered to offer an optimized drivetrain package. Cummins' SmartTorque2 (ST2) engine is paired with an Eaton Advantage 10-speed Automated Overdrive Transmission.

Why it is important?

- This combination improves fuel economy by approximately 1.5%* and decreases weight by approximately 94 lbs.**.



Key Benefits:

- Engine:** Higher torque is delivered earlier in the RPM range so you can cruise at 1,150-1,240 RPMs and still maintain torque and power needed. ST2 automatically senses vehicle weight, grade, and operating gear, then selects the optimum torque for the best fuel economy and performance. Vehicle acceleration management is also enabled to create more consistent acceleration during launch.
- Transmission:** This new transmission includes lightweight components and precision lubrication. Small gear steps enables downspeeding in overdrive and efficiency in direct drive. Optimized shifting is based on grade, vehicle weight, engine torque and throttle position. The lubrication design reduces churning losses, and eliminates the need for a cooler in most applications.

Availability:

- Cascadia, w/ release of SpecPro update in August. Full production will be offered in November.

Where do I find this information?

Data Codes

101-2Y6 CUM ISX 415 ST2 @ 1800 RPM, 1800 GOV RPM, 1450/1650 LB/FT @ 1000 RPM
Pairs with

342-2AB: EATON FULLER FAOM-14810S-EC SMARTADVANTAGE TRANSMISSION

101-2Y7: CUM ISX 450 ST2 @ 1800 RPM, 1800 GOV RPM, 1550/1750 LB/FT @ 1000 RPM
Pairs with

342-2AC: EATON FULLER FAOM-15810S-EC SMARTADVANTAGE TRANSMISSION

For further information and brochures from Cummins & Eaton please see links below.

Cummins Brochure: [Click Here](#)

Eaton Brochure: [Click Here](#)

A powerpoint with more information will be posted on the DASH in August.

Note: Freightliner will only offer the ISX 15 Liter options.

***DTNA testing result when compared to a EPA13 Cummins ISX15 (450HP/1550 lb-ft), 3.23 ratio, Ultrashift + OD**

****When compared to an Ultrashift +.**