



MACK

MACK® PREDICTIVE CRUISE CONTROL

CRUISE INTO COMPLETE CONTROL.



Mack's new Predictive Cruise Control combines the Mack® *mDRIVE*® transmission and GPS with a cruise control system that learns on the go. This makes your job easier and your day faster, more productive and more efficient. Predictive Cruise Control uses GPS to track, memorize and store routes so the next time you travel those roads, your truck knows what to do. It engages the appropriate gears to manage your approach, climb, crest and descent the way only experienced drivers can, providing a smoother drive and serious fuel savings.

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BORN READY.

MACK® PREDICTIVE CRUISE CONTROL

For drivers who run the same route day in and day out, Mack is delivering a unique system to shake things up. Predictive Cruise Control uses advanced GPS software that learns the topography of your route, stores it and then uses that knowledge to automatically adjust speed, torque and gears next time you're on the road.

mDRIVE™

Mack's automated manual transmission manages the Predictive Cruise Control system, working with the rest of the powertrain to maximize driver comfort, payload, performance and fuel economy.

GPS NAVIGATION

The system utilizes a built-in GPS that maps movement on the road. The first time you drive a route, Predictive Cruise Control tracks each hill and hollow, then remembers so it's ready to help you take control of every future drive.

ROUTE DATABASE

Predictive Cruise Control's algorithm doesn't just memorize one route for repeated use; it can store up to 4,500 hills in its database.

RESPONSIVE SYSTEM

When cruise control is activated, Predictive Cruise Control works with you to tackle any hilly terrain you encounter along the way. It allows the truck to increase speed when approaching a hill to gain momentum for the climb, staying in a higher gear longer. It avoids unnecessary downshifts as you near the crest and prevents acceleration once you've arrived at the top. Finally, it lets the truck coast downhill before sensing the end of the grade and gently braking, as the truck maintains momentum for the next hill.

INCREASED FUEL SAVINGS

When you drive a memorized route, Predictive Cruise Control is able to use its knowledge of the road's topography to adjust vehicle speed, engine torque and gear, reducing fuel consumption by up to 1 percent per drive cycle.

IMPROVED SAFETY

Predictive Cruise Control takes the reins when it comes to managing terrain, allowing drivers to focus on the conditions around them.

SMOOTHER DRIVE

Predictive Cruise Control knows what hills to expect and when to expect them. It's prepared to engage the right gears at the right times so that your truck—and entire trip—runs more smoothly.

EFFICIENT INTEGRATION

Predictive Cruise Control operates as a part of Mack's legendary integrated powertrain, working seamlessly with Mack MP® engines, axles and mDRIVE transmissions for improved efficiency, increased uptime and lower cost.

