



IMPROVE YOUR FUEL ECONOMY WITH LOAD-BASED SHIFT SCHEDULING



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Allison LBSS (Load-Based Shift Scheduling) automatically selects between Economy and Performance shift schedules based on the vehicle's actual payload and the grade on which it is operating. This optimizes fuel economy while maintaining the superior performance for which Allison is known, even during heavily loaded situations.



DRIVING TRANSMISSION TECHNOLOGY®
www.allisontransmission.com

ALLISON LBSS IS IDEAL FOR VEHICLES THAT NEED PERFORMANCE WHEN FULLY LOADED AND ECONOMY AFTER THE LOAD HAS BEEN DELIVERED



UP TO 5% BETTER FUEL ECONOMY*

Using advanced estimation technology to calculate real-time vehicle load and operating grade, Allison LBSS automatically selects the appropriate shift schedule for the task at hand. When your vehicle is heavily loaded, on a grade or both, Allison LBSS ensures you get the necessary power by automatically switching to the Performance shift schedule. When driving on level terrain and your vehicle is empty or as the load diminishes, Allison LBSS automatically switches to the Economy shift schedule to achieve maximum fuel economy. And, Allison LBSS automatically remembers the shift schedule even during key off so there is no need to reset at start up.

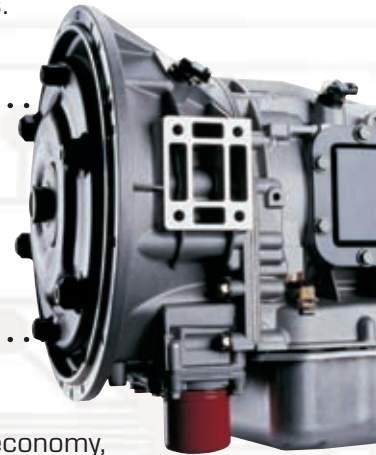


No need to push the Mode button.

With Allison 3000/4000 Series models, it used to be that drivers had to push the Mode button on the shift selector to change between the Performance and Economy shift schedules. Now, Allison LBSS does it automatically. This frees up the Mode button to be utilized for controlling other functions, such as a PTO or an I/O application.

With LBSS, Allison 1000/2000 Series models no longer require an OEM-installed Mode button for shift schedule selection. That's because Allison LBSS automatically selects the appropriate shift schedule based on vehicle load and operating conditions. No button is required.

Allison LBSS will improve your fleet's fuel economy as deliveries are made throughout the route



All the power you need, when you need it.

While calibrated to operate primarily in the Economy shift schedule for maximum fuel economy, Allison LBSS automatically selects the Performance shift schedule when conditions require it. For example, a vehicle with Allison LBSS on level terrain will be in Economy 55-70% of the time in many cases, depending on GCW.

ALLISON LBSS IS AVAILABLE ON ALL ALLISON AUTOMATICS IN THESE VOCATIONAL MODELS:

HIGHWAY SERIES

RUGGED DUTY SERIES

PUPIL TRANSPORT/SHUTTLE SERIES

BUS SERIES

*Based on preliminary on-road test results. SA5658EN (2009/11) Litho in U.S.A. Information or specifications subject to change without notice or obligation.