



**ALLISON TRANSMISSION, INC. POSITION
REGARDING THE USE OF TRANSMISSION DATA
IN HEAVY DUTY ON BOARD DIAGNOSTIC ENGINE
CONTROL STRATEGIES (HD OBD)**
(Formerly WATCH 392)

September, 2008

The California Heavy Duty On Board Diagnostic Regulation (Title 13, California Code Regulation 1971.1) places specific requirements on engine control systems. Engine manufacturers are responsible for certifying their engine HD OBD system. As stand-alone components, transmissions, transmission sensors or Transmission Control Modules, are not encompassed by the HD OBD regulation.

Effective calendar year 2010 Allison Transmission understands that engine manufacturers may wish to utilize transmission output shaft speed data in the development of their HD OBD diagnostic strategies. Allison Transmission, Inc. will recognize the use of its J1939 transmission output shaft speed data by an engine manufacturer based upon the following assumptions:

- Allison Transmission, Inc. products and components are not diagnostic or emissions critical (reference Title 13 California Code Regulation 1971.1 for specific definition of diagnostic or emission critical), therefore:
 - Allison Transmission, Inc. products and components will not assume any HD OBD or emissions warranty as a result of the engine manufacturers' actions.
 - Allison Transmission, Inc. will not provide any component level defect reporting to engine suppliers.
- No other Allison Transmission, Inc. data parameter may be used in the development of an engine HD OBD diagnostic strategy without our express consent.
- Allison Transmission, Inc. will not pursue any other HD OBD implementation strategy mechanization beyond the utilization of the J1939 data parameter described above.

Please note:

- Allison Transmission services its product through its authorized service network.
- If an HD OBD engine control strategy suggests a failure with the transmission output shaft speed sensor, please contact your local authorized Allison Transmission service outlet for guidance.
 - Reference **www.allisontransmission.com** or your local yellow pages for your closest authorized outlet.
- Allison Transmission, Inc. will not accept claims for warranty repairs from anyone other than an Allison Transmission, Inc. authorized service outlet.
- Please reference Allison Datalink Communications for specific details on the configuration of transmission output shaft datalink message (Datalink Communications is available on the Allison Extranet website).

If you have any questions, please contact your Allison representative.