



BLUE BIRD

August 22, 2012

SERVICE MEMORANDUM

NO. SM1206

MEMO TO: All Blue Bird Dealers

SUBJECT: Allison “TRANS SERVICE” & “CHECK TRANS” lights

MODEL YEAR(S): 2009-Current

MODEL(S) AFFECTED: Vision, All-American

All buses with model year 2009 transmissions and up have “Prognostic” capabilities from Allison. This feature is standard on all 2000/3000 series transmissions through Blue Bird.

NOTE: Allison Approved TES 295 transmission fluid is required. If you do not use approved fluid, it is required that you disable this feature.

For 2000 series, refer to your Allison operator’s manual or follow the link below to download;
<http://www.allisontransmissionpublications.com/download.ashx?did=213>

For 3000 series, refer to your Allison operator’s manual or follow the link below to download;
<http://www.allisontransmissionpublications.com/download.ashx?did=148>

Prognostics are used to predict the need for transmission maintenance. Transmission parameters monitored by this feature are:

1. Oil Life Monitor
2. Filter Life Monitor
3. Transmission Health Monitor

When a specified threshold is detected for one of these parameters, the “TRANS SERVICE” indicator is illuminated on the dash. Depending on the year and model, you may see one of the following icons;



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The process varies for resetting the “TRANS SERVICE” light for each feature. It can be cleared using the transmission shifter or Allison software. A brief description of the reset instructions are as follows, for detailed instructions visit the before mentioned website or refer to your owner’s manual.

For both 2000/3000 series transmissions;

OIL LIFE MONITOR

The “TRANS SERVICE” light can be reset via Allison DOC for PC or using the shifter head by selecting N-D-N-D-N-R-N, pausing briefly (less than 3 seconds) between each selector movement, with the ignition on and the engine not running. Failure to reset this after 100 hours of operation will cause the “CHECK TRANS” to illuminate (in addition to the “TRANS SERVICE” light) requiring Allison DOC to reset the fault.

FILTER LIFE MONITOR

The “TRANS SERVICE” light can be reset via Allison DOC for PC or using the shifter head by selecting N-R-N-R-N-D-N, pausing briefly (less than 3 seconds) between each selector movement, with the ignition on and the engine not running. Failure to reset this after 100 hours of operation will cause the “CHECK TRANS” to illuminate (in addition to the “TRANS SERVICE” light) requiring Allison DOC to reset the fault.

TRANSMISSION HEALTH MONITOR

The “TRANS SERVICE” light will illuminate indicating the need for clutch maintenance, when the remaining clutch life reaches approximately 10%, or if the running clearance exceeds a maximum value. The indicator will reset automatically upon elimination of the clutch clearance condition which initiated it. Failure to reset this after 100 hours of operation will cause the “CHECK TRANS” to illuminate (in addition to the “TRANS SERVICE” light) requiring Allison DOC to reset the fault.

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