



KELLER PREMIUM

FEATURES: CARBONLESS BLACK IMAGE PAGES

OFFICIAL

DRIVER'S VEHICLE INSPECTION REPORT

PRESCRIBED BY FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION • U.S. DEPARTMENT OF TRANSPORTATION

DELUXE duplicate copy book

month: _____ year: _____

driver: _____

carrier: _____

tractor/truck no.: _____ trailer no.: _____



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396.11 Driver vehicle inspection report(s).

(a) **Report required.** Every motor carrier shall require its drivers to report, and every driver shall prepare a report in writing at the completion of each day's work on each vehicle operated and the report shall cover at least the following parts and accessories:

- Service brakes including trailer brake connections
- Parking (hand) brake
- Steering mechanism
- Lighting devices and reflectors
- Tires
- Horn
- Windshield wipers
- Rear vision mirrors
- Coupling devices
- Wheels and rims
- Emergency equipment

(b) **Report content.** The report shall identify the vehicle and list any defect or deficiency discovered by or reported to the driver which would affect the safety of operation of the vehicle or result in its mechanical breakdown. If no defect or deficiency is discovered by or reported to the driver, the report

shall so indicate. In all instances, the driver shall sign the report. On two-driver operations, only one driver needs to sign the driver vehicle inspection report, provided both drivers agree as to the defects or deficiencies identified. If a driver operates more than one vehicle during the day, a report shall be prepared for each vehicle operated.

(c) **Corrective action.** Prior to requiring or permitting a driver to operate a vehicle, every motor carrier or its agent shall repair any defect or deficiency listed on the driver vehicle inspection report which would be likely to affect the safety of operation of the vehicle.

(1) Every motor carrier or its agent shall certify on the original driver vehicle inspection report which lists any defect or deficiency that the defect or deficiency has been repaired or that repair is unnecessary before the vehicle is operated again.

(2) Every motor carrier shall maintain the original driver vehicle inspection report, the certification of repairs, and the certification of the driver's review

for three months from the date the written report was prepared.

(d) **Exceptions.** The rules in this section shall not apply to a private motor carrier of passengers (nonbusiness), a driveaway-towaway operation, or any motor carrier operating only one commercial motor vehicle.

396.13 Driver inspection.

Before driving a motor vehicle, the driver shall:

(a) Be satisfied that the motor vehicle is in safe operating condition;

(b) Review the last driver vehicle inspection report; and

(c) Sign the report, only if defects or deficiencies were noted by the driver who prepared the report, to acknowledge that the driver has reviewed it and that there is a certification that the required repairs have been performed. The signature requirement does not apply to listed defects on a towed unit which is no longer part of the vehicle combination.

DRIVER'S VEHICLE INSPECTION REPORT

AS REQUIRED BY THE D.O.T. FEDERAL MOTOR CARRIER SAFETY REGULATIONS

CARRIER: _____

ADDRESS: _____

DATE: _____ TIME: _____ A.M. _____ P.M.

CHECK ANY DEFECTIVE ITEM AND GIVE DETAILS UNDER "REMARKS"

**TRACTOR/
TRUCK NO.** _____ **ODOMETER READING** _____

- | | | |
|---|---|--|
| <input type="checkbox"/> Air Compressor | <input type="checkbox"/> Horn | <input type="checkbox"/> Suspension System |
| <input type="checkbox"/> Air Lines | <input type="checkbox"/> Lights | <input type="checkbox"/> Starter |
| <input type="checkbox"/> Battery | Head - Stop | <input type="checkbox"/> Steering |
| <input type="checkbox"/> Body | Tail - Dash | <input type="checkbox"/> Tachograph |
| <input type="checkbox"/> Brake Accessories | Turn Indicators | <input type="checkbox"/> Tires |
| <input type="checkbox"/> Brakes, Parking | <input type="checkbox"/> Mirrors | <input type="checkbox"/> Tire Chains |
| <input type="checkbox"/> Brakes, Service | <input type="checkbox"/> Muffler | <input type="checkbox"/> Transmission |
| <input type="checkbox"/> Clutch | <input type="checkbox"/> Oil Pressure | <input type="checkbox"/> Wheels and Rims |
| <input type="checkbox"/> Coupling Devices | <input type="checkbox"/> Radiator | <input type="checkbox"/> Windows |
| <input type="checkbox"/> Defroster/Heater | <input type="checkbox"/> Rear End | <input type="checkbox"/> Windshield Wipers |
| <input type="checkbox"/> Drive Line | <input type="checkbox"/> Reflectors | <input type="checkbox"/> Other |
| <input type="checkbox"/> Engine | <input type="checkbox"/> Safety Equipment | |
| <input type="checkbox"/> Exhaust | Fire Extinguisher | |
| <input type="checkbox"/> Fifth Wheel | Reflective Triangles | |
| <input type="checkbox"/> Frame and Assembly | Flags - Flares - Fusees | |
| <input type="checkbox"/> Front Axle | Spare Bulbs & Fuses | |
| <input type="checkbox"/> Fuel Tanks | Spare Seal Beam | |

TRAILER(S) NO.(S) _____

- | | | |
|--|--|--|
| <input type="checkbox"/> Brake Connections | <input type="checkbox"/> Hitch | <input type="checkbox"/> Tarpaulin |
| <input type="checkbox"/> Brakes | <input type="checkbox"/> Landing Gear | <input type="checkbox"/> Tires |
| <input type="checkbox"/> Coupling Devices | <input type="checkbox"/> Lights - All | <input type="checkbox"/> Wheels and Rims |
| <input type="checkbox"/> Coupling (King) Pin | <input type="checkbox"/> Roof | <input type="checkbox"/> Other |
| <input type="checkbox"/> Doors | <input type="checkbox"/> Suspension System | |

Remarks: _____

CONDITION OF THE ABOVE VEHICLE IS SATISFACTORY

DRIVER'S SIGNATURE: _____

ABOVE DEFECTS CORRECTED

ABOVE DEFECTS NEED NOT BE CORRECTED FOR SAFE OPERATION OF VEHICLE

MECHANIC'S SIGNATURE: _____ DATE _____

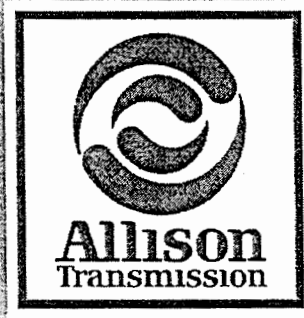
DRIVER'S SIGNATURE: _____ DATE _____

ORIGINAL



OPERATOR'S RESPONSIBILITIES FIRST ECHELON MAINTENANCE

1. PERFORM VEHICLE PRE-TRIP INSPECTION USING DRIVER'S VEHICLE INSPECTION REPORT #115-B.
2. CHECK ALL LUBRICANT LEVELS.
3. LUBRICATE ACCORDING TO CHART (WHEN APPLICABLE).
4. CHECK BATTERY LEVEL (WHEN APPLICABLE).
5. CLEAN BATTERY CONNECTIONS.
6. CHECK COOLING SYSTEM LEVEL AND VISUALLY CHECK FOR LEAKS.
7. CHECK TIRE INFLATIONS. (CHECK SIDEWALL).
8. CHECK TIRE CONDITION AND REPLACE AS NECESSARY. CHECK FOR SPUN AND/OR LOOSE WHEELS. TORQUE LUG NUTS TO MANUFACTURER'S SPECS.
9. CHECK BRAKE MASTER CYLINDER LEVEL. (HYDRAULIC BRAKE ONLY)
10. DRAIN AIR TANKS.
11. PERFORM "A" SERVICE AS REQUIRED.
12. INSPECT HOSES, REPLACE HYDRAULIC HOSE AS NECESSARY.
13. INSPECT ALL BELTS AND ADJUST IF NECESSARY.
14. VISUALLY INSPECT FOR OIL AND HYDRAULIC LEAKS.
15. CHECK FOR AIR LEAKS
16. CHECK ALL LIGHTS AND REPLACE BULBS WHEN NECESSARY.
17. CHECK REFLECTORS AND MIRRORS, REPLACE IF NECESSARY.
18. CHECK SAFETY EQUIPMENT – SEAT BELTS, FIRE EXT., REFLECTIVE TRIANGLES, SPARE ELECTRICAL FUSES, RADIO, ETC.
19. CHECK WIPERS AND WASHERS. REPLACE AS NECESSARY.
20. CHECK INSTRUMENTS.
21. CHECK UNDERBODY BLADES AND PLOWS. TIGHTEN LOOSE BOLTS OR PINS. CHECK SHOES ON PLOWS. LUBRICATE PLOW FRAMES.
22. INSPECT SPREADER CHAINS AND KEEP ADJUSTED. LUBE CHAIN. INSPECT SPREADER CHAIN BEARINGS, SPINNER BEARINGS AND SPROCKETS.
23. WASH UNIT, PER "A", "B" & "C" WASHING GUIDELINES.
24. KEEP INTERIOR CLEAN.
25. WHEN REPAIRS ARE NEEDED BY MECHANICS, LIST THEM ON DRIVER'S VEHICLE INSPECTION REPORT #115-B.

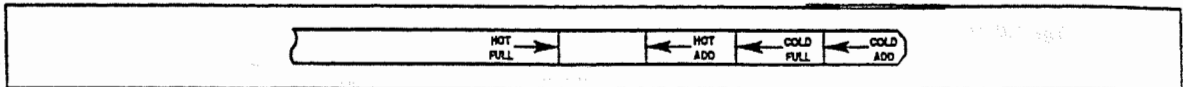


Michigan D.O.T. Allison World Transmission



ALLISON WT PREVENTIVE MAINTENANCE

Dipstick Fluid Level Checks



V02029

NOTE: Before performing any fluid level checks, make sure the vehicle is on a level surface, engine at idle, with the parking brake applied and the transmission in Neutral.

Cold Check

- Perform a cold check when the transmission is below normal operating temperature (below 160°F or 71°C).
- Start the engine, apply the service brake, and shift to Drive, then Reverse, then back to Neutral.
- Leave the engine running and remove the dipstick, wipe it dry, then reinstall it in the filltube.
- Remove the dipstick and check the level. It should be within the cold run band.
 - Add or drain fluid as needed.

NOTE: Check the level several times to ensure an accurate reading.

Hot Check

- Perform a hot check when the transmission is at or above normal operating temperature (160°F or 71°C).
- With the engine running, remove the dipstick, wipe it dry, then reinstall it in the filltube.
- Remove the dipstick and check the level. It should be within the hot run band.
 - Add or drain fluid as needed.

NOTE: Check the level several times to ensure an accurate reading.

NOTE: Poor transmission performance and possible damage can occur if the transmission fluid level is too high or too low.

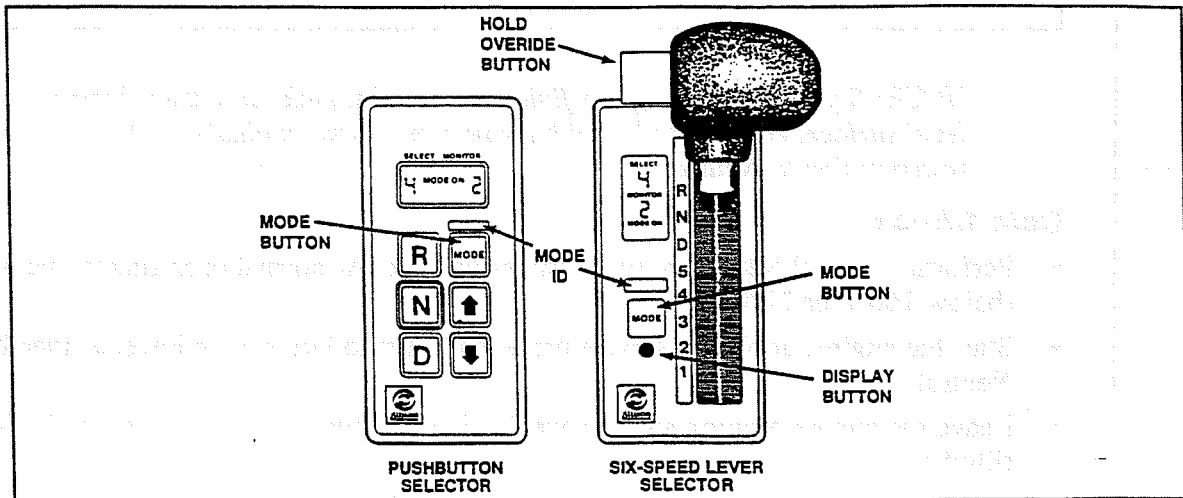


ALLISON WT PREVENTIVE MAINTENANCE

Using the Optional Oil Level Sensor

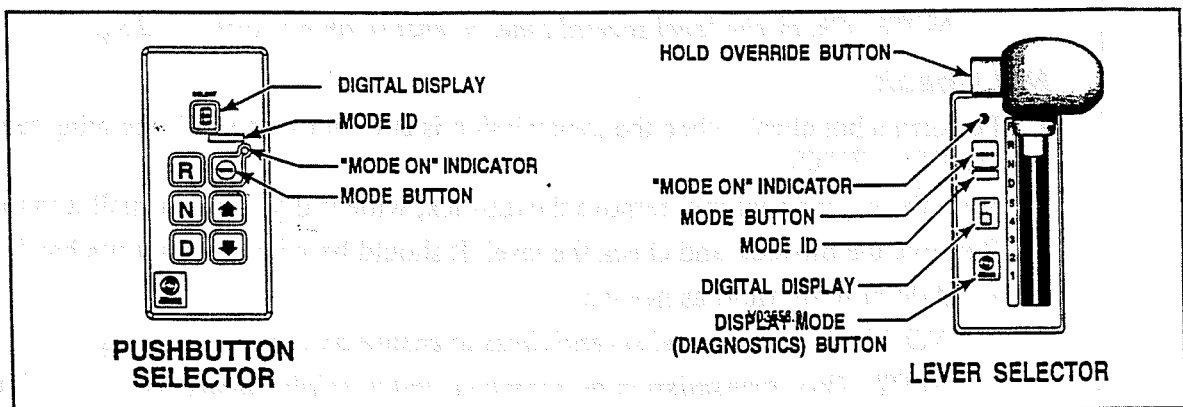
If the transmission is equipped with the optional Oil Level Sensor (OLS), a hot check can be performed using the shift selector.

WTEC II



2120530.17

WTEC III



V03355.01

V03355.02

- To enter the OLS mode on pushbutton selectors, simultaneously push the up and down arrow buttons once.
- To enter the OLS mode on lever selectors, push the Display Mode button once.
NOTE: If not OLS-equipped, the control system attains diagnostic mode, and the shift selector displays stored diagnostic codes.
- Once in OLS mode, the system begins a check that could last up to two minutes while the ECU reviews the following - the engine must be at idle; the sump must be at normal operating temperature; the transmission must be in Neutral; and the transmission output shaft must be stopped.
 - A numeric countdown appears in the shift selector digital display while the system check is in process.
- When all parameters have been met, the shift selector displays a code that tells whether the level is okay (OK), low or high.



ALLISON WT PREVENTIVE MAINTENANCE

Oil Level Sensor Displays

NOTE: WTEC II selectors display two characters at a time. WTEC III selectors display one character at a time.

- O L O k O k - level is okay.
- O L L O x x - level is low by the indicated number of quarts.
- O L H I x x - level is overfilled by the indicated number of quarts.

The selector may also display a diagnostic code indicating a problem with the sensor system.

- O L 5 0 - engine rpm is too low.
- O L 5 9 - engine rpm is too high.
- O L 6 5 - Neutral not selected.
- O L 7 0 - sump temperature too low.
- O L 7 9 - sump temperature too high.
- O L 8 9 - output shaft rotation sensed.
- O L 9 5 - sensor failure (speed sensor, throttle sensor, temp sensor or OLS sensor)

To exit the OLS mode on pushbutton selectors, press Neutral.

To exit the OLS mode on lever selectors, press the Display Mode button twice.

NOTE: The OLS will display up to 4 quarts high or low. For example, a transmission that is 6 quarts low will still only appear as being 4 quarts low on the digital display.



ALLISON WT PREVENTIVE MAINTENANCE

Inspection

Leaks

- Check all gasket splitline areas for leakage.
- Check seal areas for leaks.
- Check the oil cooler and related hoses and fittings for leakage.
- Make sure cooler hoses are properly routed and secured.
- Check retarder hoses and fittings for leakage.
- Check transmission-mounted components for leakage (around the mounting base of PTOs, for example).
- Check the breather for excessive leakage. Some dampness around the breather is normal.
 - The breather should be clear of obstructions.
 - The breather cap should spin freely by hand.

Mounting Components

- Check transmission and engine mounts and crossmembers for wear, cracks and other damage.
- Check for loose, missing flywheel housing and mounting component bolts.

Driveline

- Check the vehicle driveline for dents and other damage.
- Check the vehicle driveline for missing balance weights.
- Check vehicle driveline U-joint and carrier bearing condition.
- Check PTO drivelines for damage and extreme angles.

Electrical

- Check transmission harnesses for proper routing. Avoid rubbing, chafing against other components. Avoid sharp bends.
- Make sure transmission electrical connectors are properly secured. Refer to the appropriate Troubleshooting and Service Manuals for more information.

Start-Up Checks

- The transmission warning lamp (Do Not Shift, Check Transmission, Inhibited Shifts, etc.) should come on briefly at start-up, then turn off.
- The shift selector digital display should initialize momentarily, then show the appropriate display for Neutral (N N for WTEC II; N for WTEC III).

Road Test

- Check shift quality.
- Listen for abnormal noises.
- Feel for abnormal vibrations.
- Re-check the fluid level and adjust as needed.
- Re-check for leaks.

NOTE: Record your inspection results and bring any improper items to the attention of Supervision immediately.