





178

178

LION EXPRESS

VAN HOO



LION EXPRESS









OPERATED BY:
GOLDEN TRANSPORTATION INC.
WEST COVINA, CA

TCP 18567-A
US DOT 1324095
ICC MC 527393











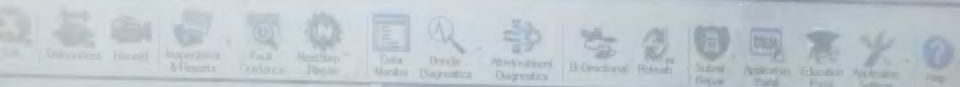














Repair Mentor

2 Active Fault(s) Present

Consumable Fluid(s) Low

2018 Van Hool Vehicle

-  Detroit DD13 Engine/CPC
-  Allison 3000/4000 5th Gen
-  WABCO E-Series ABS EB 6846M
-  Bendix SmartTire™ Standalone TP
-  Bendix SmartTire™ TPMS In-Cab D
-  Communications Unit, Cellular
-  Detroit Aftertreatment Control Mod
-  Detroit Motor Control Module
-  Helander - Engine
-  WABCO OnGuard™ Radar Sensor

JPRO® Repair Mentor

Let us help guide your repair decisions

Any discovered issues affecting vehicle health are listed below in preferred diagnostic order.

Click on an issue to see more information.

To re-open this form, click the vehicle health button in Vehicle Readiness

Current Vehicle Issues



2 Active Other Fault(s)

Consumable Fluid(s) Low

☐ Do Not Use Repair Mentor For This Connection

2 Active Other Fault(s)

One or more active or permanent faults were detected on non-driving train vehicle components. These faults should be addressed as soon as possible. Click 'Begin Diagnostics' to investigate the issues.

Begin Diagnostics

Close

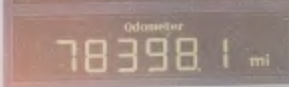
Vehicle Information

VIN: YE2YC1B573041593

Manufacturer: Van Hool

Model: TX

Model Year: 2018



Windows taskbar with search bar and system tray icons.

DELL

VIN	1Y2YCR18LJ2561590
Vehicle Make	Nissan North
Model	FX
Model Year	2018

Vehicle Components

Component	Description	Serial Number	Software Version	Result
Engine/CPC	Deere D3713 Engine/CPC	50277382	Aut-5463	J1939 (High/15795 (CAN)
Transmission	Allison 3000R98 6R1500	B43864A371881174	NA	J1939 (High/15795 (CAN)
Steering	WABCO E-Series ABS E8-ESXRM	J04005042111	246000022 1.32.1.21	J1939 (High/15795 (CAN)
Motor Control Module	Deere Motor Control Module	NA	ver 340506	J1939 (High/15795 (CAN)
Highway Controller	WABCO OnGuard™ Radar Sensor	101083048462	246057802g0 WBC_OGP_gL 2460571152g0 WBC_OGP_AP 246057865205	J1939 (High)
Aftermarket Control Module	Deere Aftermarket Control Module	NA	gcm 160232	J1939 (High/15795 (CAN)
Full Power Steering Controller	Bosch SteerAssist™ SteerAssist TPM2	1881583	SM10 APP248.0002 V1.21 BL0248.0094 V1.01 APP248.0091 V1.25 BL0248.0095 V1.00	J1939 (High)
In-Cab Display Device	Bosch SteerAssist™ TPA5 In-Cab Display	1120054	SM10 K038857 V1.1	J1939 (High)

Print Date:

July 22, 2021 7:33 am

Vehicle Key Data Points

Parameter Description	Value	Parameter Description	Value
Avg Fuel Econ	5.90 mpg	Idle Fuel Used	Not Available
DPF Soot Level	Low	Total Idle Hrs	1,201.00 hrs
DPF Delete	Low	Idle Shutdown	5.00 min
Total Engine Hrs	2,837.70 hrs	Battery Potential	13.80 volts
Cruise Spd Limit	75.00 mph	Road Speed Limit	75.00 mph
Malfunction Indicator Lamp	Off	Red Stop Lamp	Off
Amber Warning Lamp	On	Protect Lamp	Off
Parking Brake Switch	On	DPF Lamps Command	Off
Exhaust System High Temperature L	Off	ABS Control Status	Not Available
ABS Control Status, Trailer	Not Available	Engine Speed	601 rpm
Odometer	78,398.07 mi	Engine Odometer	78,398.07 mi
Instrument Cluster Odometer	Not Available	Fuel	54%
OilAlert	Normal	Diesel Exhaust Fluid	49%

Vehicle Issues



Active Fault(s) Present



Consumable Fault(s) Low

Faults

Status	Component	Description	Lookup Code	FM	Count
Active	CoD Controller - Primary	Undocumented Fault - Control Misadjusted for RPM - 03750 status	SPN 10755	U	1
Active	Sens Rail™ Standalone TPMS	No Reception For Tire Sensor	SPN 929	1B	N/A
Inactive	3000/4000 SW Den	Reductor Supply Circuit Voltage 1 Open (HSD11)	P1851	N/A	N/A
Inactive	Alarm/Status Control Module	Battery voltage high	SPN 159	U	1
Inactive	6 Series ABS E8-02960	SAE - Heavy Dragroll 1 - Data used for vehicle control operations is large - Most severe level	SPN 802	1	1
Inactive	Passant Road Usage Processor	SAE - Yaw Rate - Abnormal (SPN 188)	SPN 1888	9	1
Inactive	Passant Road Usage Processor	SAE - Engine Speed - Abnormal (SPN 189)	SPN 189	9	1
Inactive	Passant Road Usage Processor	Undocumented Fault - Control Misadjusted for RPM - 02019 status	SPN 92019	9	91

Print Date

July 22, 2021 7:33 am

Status	Component	Description	Lookup Code	PM	Count
Inactive	Forward Road Image Processor	Undocumented Fault - Contact Manufacturer for SPN 520198 issues	SPN 520198	14	1/8
Inactive	Forward Road Image Processor	Undocumented Fault - Contact Manufacturer for SPN 520200 issues	SPN 520200	3	4
Inactive	Forward Road Image Processor	Undocumented Fault - Contact Manufacturer for SPN 520201 issues	SPN 520201	2	4
Inactive	Motor Control Module	Battery Voltage High	SPN 188	0	1
Inactive	OnGuard™ Radar Sensor	Incorrect J1939 ESS Brake Switch data received in ERC1 message from ABS	SPN 1121	18	1
Inactive	OnGuard™ Radar Sensor	J1939 Adaptive Cruise Control 2 (ACC2) message from the OnGuard display (or instrument cluster) not received or intermittent	SPN 5623	9	1
Inactive	OnGuard™ Radar Sensor	J1939 Electronic Engine Controller 1 (EEC1) message not received or intermittent	SPN 511	9	10
Inactive	OnGuard™ Radar Sensor	J1939 Electronic Retarder Controller 1 (ERC1) message not received or intermittent	SPN 520	9	5
Inactive	OnGuard™ Radar Sensor	Undocumented Fault - Contact Manufacturer for SPN 520192 issues	SPN 520192	9	2
Inactive	OnGuard™ Radar Sensor	Undocumented Fault - Contact Manufacturer for SPN 520930 issues	SPN 520930	12	91
Inactive	OnGuard™ Radar Sensor	Undocumented Fault - Contact Manufacturer for SPN 520939 issues	SPN 520939	12	8
Inactive	OnGuard™ Radar Sensor	Undocumented Fault - Contact Manufacturer for SPN 520945 issues	SPN 520945	12	8
Inactive	OnGuard™ Radar Sensor	Incorrect J1939 Brake Pedal Position (BPP) received in ERC1 message from ABS	SPN 921	18	5
Inactive	OnGuard™ Radar Sensor	Undocumented Fault - Contact Manufacturer for SPN 521723 issues	SPN 521723	18	1
Inactive	OnGuard™ Radar Sensor	Undocumented Fault - Contact Manufacturer for SPN 522749 issues	SPN 522749	14	6
Inactive	OnGuard™ Radar Sensor	J1939 Cruise Control/Vehicle Speed 1 (CCV1) message from the primary source (usually the engine) not received or intermittent	SPN 527	9	6
Inactive	OnGuard™ Radar Sensor	J1939 Electronic Engine Controller 2 (EEC2) message not received or intermittent	SPN 569	9	8
Pending	Aftertreatment Control Module	Diesel Particulate Filter (DPF) Efficiency Low	SPN 520348	14	1

Mfd by VAN HOOL N.V. Lier 2500 BELGIUM

Month / Year of construction: 12/17

GVWR: 54,000 Lb

	GAWR	TIRE SIZE LOAD RANGE	RIM SIZE	COLD INFLATION PRESSURE
Front	17,640 Lb	315/80R22.5 - L	9,00 x 22,5	125 Psi (Single)
First intermediate	27,575 Lb	315/80R22.5 - L	9,00 x 22,5	110 Psi (Dual)
Rear	17,640 Lb	315/80R22.5 - L	9,00 x 22,5	125 Psi (Single)

This vehicle conforms to all applicable U.S. Federal Motor Vehicle Safety Standards in effect on the date of manufacture shown above.

GVWR and GAWR are based on ORIGINAL equipment. Any change may affect vehicle capacities. See Owner's Manual for other tire and capacity information.

Vehicle Identification number : YE2YC81B5J3041553

Classification : BUS

PRODUCTION NUMBER

N^o

41593





LION EXPRESS

TX45

OPERATED BY
GOLDEN TRANSPORTATION INC.
WEST COVINA, CA

TOP 1000
90,000 TONS
62,000 TONS



178

178

VAN H OOL



LION EXPRESS

7245

OPERATED BY
LION BUS COMPANY LTD
MILTON KEYNES, UK

TOP 1000 BUS
TOP 1000 BUS
TOP 1000 BUS

54



178

178

LION EXPRESS

YAN HOO





178

178

LION EXPRESS

YAN HOO

LION EXPRESS





















DETROIT



CUSTOMER SERVICE
AUSTRALIA: 1-800-029-234
EUROPE/MIDDLE EAST/AFRICA: 44 167-355-0550
USA / CANADA: 1-800-445-1980
MEXICO: 01-800-902-7100



DETROIT

DD13

IMPORTANT ENGINE INFORMATION

FUEL RATE AT ADV. HP: 311.1 MM3/STROKE
INITIAL INJECTION TIMING: 9.9 DEG BTC
ENGINE FAMILY: H00XN12.9FED
UNIT: 471941S0507395 DISP: 12.8 LITERS
ADV HP: 525 @ 1625 RPM MODEL: DD13
MFG. DATE: JUL 2017 MIN IDLE: 600 RPM
VALVE LASH: EXHAUST 0.6 MM INTAKE 0.4 MM
"DELEGATED ASSEMBLY" "ESS EXEMPT"
EMISSION CONTROL SYSTEMS: ODI, TC, DAC, ECM,
EBR, OC, PTOX, SCR-U, AMOX
"FOR USE IN VOCATIONAL OR TRACTOR VEHICLES"

THIS ENGINE CONFORMS TO U.S. EPA AND
CALIFORNIA REGULATIONS APPLICABLE TO 2017
MODEL YEAR NEW HEAVY DUTY DIESEL CYCLE
ENGINES. THIS ENGINE HAS A PRIMARY SERVICE
APPLICATION AS A HEAVY HEAVY DUTY ENGINE.
THIS ENGINE IS NOT CERTIFIED FOR USE IN AN
URBAN BUS AS DEFINED AT 40 CFR 86.093-2.
USE OF THIS ENGINE FOR USE IN AN URBAN BUS
IS A VIOLATION OF FEDERAL LAW UNDER THE
CLEAN AIR ACT. THIS ENGINE IS CERTIFIED TO
OPERATE ON ULTRA LOW SULFUR DIESEL FUEL.



