

Maxim Truck & Trailer

3250 Idylwyld Drive N
Saskatoon, SK S7L 5Y7
Phone: 306-657-5600
Fax: 306-975-0127

Invoice: **31W16838**
Date / Hour: 6/10/2026 9:04:31AM
Repair Order: 16838
Customer: 75642
Branch: S

Page 1 of 3

Bill To:

Ship To:

Work: 306-384-0403

Shop: 306-384-0403

Customer P/O: 21

Open Date: 05/15/2026

Completion Date: 06/06/2026

Add User: dleite

Salesperson: PartsDefault

Unit Number: 21

Model Year: 2006

Make/Model: International 4600

Type: Deck

VIN: 1HTWGAAT06J287480

Meter: 1107565 Kilometers

ECM Reading: 36765

Task: 1 12-000-066 Truck/Bus Engine - Perform Oil & Filter Change

Department: Service

Complaint: change oil and filter only customer will have oil supplied in unit

Supp.	Part	Description / Ref Number	U/M	Quantity
FG	LF9025	FILTER-LUBE OIL	EA	1.0
	FILTER>8"	EHC Filter - Greater Than 8"		1.0
	SS-10	Shop Supplies		1.0

Task: 2 12-000-167 Truck/Bus Engine Fan Drive - R/R*

Department: Service

Complaint: check fan operation and advise on repairs

Correction: checked everything around the cac to see if something wasnt plugged in. tested the fan clutch with direct air and it was good.

checked the electrical connector by supply direct power and ground and the solenoid engaged the fan clutch. tested for power and there was power with the ignition on. tested for ground and had no ground. decided to run a ground straight to a common ground. tested it and the fan turns on and off with the switch in the cab. ran the truck and got dan to take it for a drive to see if the fan would engage when the temp goes up and the fan wasnt engaging. looked up the schematic and found that the fan solenoid is ground switched from the ecm. removed the fender and tried to get at the ecm plug but it was buried. ran out of time in the day. tied everything up. parked the truck outside and wrote a note to watch coolant temps if they have the fan switch off.

hooked up and cleared the faults, seen what came back, had faults for wheel speed sensor, checked the wiring and connector, seemed fine, opened up DLB and reprogrammed the truck to the previous configuration, switch pack was still giving faults, put the fog light in the other position and cleared, found switch pack was programmed for the other way around instead of what was on the button, found the switch pack slot for the suspension dump was worn out, went looking for a spare switch pack and found one, transferred all the bulbs and switches over to that one, hooked it up and cleared faults, tested all the switches and had them all work, had a switch pack faults but they were unrelated to what was being done, checked out the engine code in DLB and had a fault for the EGR valve module, found the module on the truck was broken and the connector could not stay in all the way, found a good spare one and removed it from a spare engine, removed the LH fender, removed the module installed the good spare, cleared the faults, moved on to the fan, found there was no power to the fuse block, found a broken wire, fixed the break, checked over the wiring in the engine bay, moved into the cab, disconnected the ground wire from the switch and found 6.5 volts were getting through, went to FGI and got a new witch, removed the old switch, installed the new one and installed the wiring, did some more testing and found there was power going to the ECU ground and not letting it ground properly, removed the extra power wire and capped it off, grounded the ground wire from the switch, had the fan solenoid actuating, ran truck and tested the fan, switch now works as it should, put everything back together, cleared the modules and ran the truck, took it for a few laps around the yard and had no more issues, updated Brad, started truck in the morning and had the egr/ecm comms fault again, let Brad know, cleared code and parked it outside

Supp.	Part	Description / Ref Number	U/M	Quantity
NI	3551298C92	VALVE, SOLENOID AIR COND	EA	1.0
LOCAL	LO 822120	TOGGLE SWITCH		1.0

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SS-10	Shop Supplies	1.0

Task: 3 12-000-195 Truck/Bus Engine ECM - Download & Print Codes Department: Service

Complaint: diagnose and advise on CEL

Correction: Unit came in with complaint of CEL on Electrical fault light, and No suspension dump operation

CEL faults for VSS shorted to low and EGR/ECM communication fault

verify all complaints,

Checked into VSS, checked over harness moved harness / connector, fault cleared and suspension dump valve purged abit,

Tested dump switch while VSS fault was inactive and it worked as it should, unplugged VSS fault became active and suspension dump did not work again, There must be a parameter that the VSS must readlow speed to have bags dumped.

Lowered VSS harness, Wiring was oil soaked and pins in connector was loose,

Found a new pigtail connector,

Replaced harness up to wear the wiring was in beter shape, loomed and secured, Retested, no VSS fault and susp dump works

For the EGR/ ECM communications, Followed the pinouts for the Fault code,worked threw pinouts, noticed there was power all the time to the EGR driverwith key on or off and still power with fuse pulled ,

Found a issue with the ecm power in the fuse box back feeding into the EGR driver and not supplying proper power to that area of the ECM. als cleaned some corrosion off of the pins in the EGR driver modual . Corrected the issue retested. all worked no faults in the ecm secured wiring reinstalled fenders.

Supp.	Part	Description / Ref Number	U/M	Quantity
CE	5394261	CONNECTOR,ELC REPAIR	EA	1.0
	ETC<	Electronic Tool Charge		1.0
	SS-10	Shop Supplies		1.0

Task: 4 60-000-003 Bus Body Seats Minor Maintenance - RTR* Department: Service

Complaint: seat swap

Correction: -Remove Airline.

-Unbolt Base Plate.

-Remove Seat And Baseplate As Whole Unit.

-Disassemble Base PLate From Seat.

-Install Base Plate On New Seat.

-Re-Install Unit as Whole into Truck.

-Bolt Everything Back Together.

-Test Run Truck and Test Seat Airbag and Seat Belt.

Supp.	Part	Description / Ref Number	U/M	Quantity
	SS-10	Shop Supplies		1.0

Task: 5 12-000-293 Truck Fan Drive Belt - R/R* Department: Service

Complaint: fan belt

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Completion Date: 06/06/2026

Add User: dleite

Salesperson: PartsDefault

Correction: -Removed Old Belt.

-Fed Belt Through Fan to Remove Fully.

-Fed New Belt Through Fan to Install.

-Arranged Belt on Pulleys and Shieves.

-Pulled Tensioner to Allow Enough Slack to Install Completely.

Noted Some Deflection in Belt While Coming Off Of Water Pump Up to Tensioner and Onward to Alternator.

-Test Ran Unit for 30 Seconds, Deflection seems to Have Taken Care Of Itself.

Supp.	Part	Description / Ref Number	U/M	Quantity
NI	1842461C1	BELT, FAN 8PK 92.44"	EA	1.0
	Freight	Parts Freight		1.0
	SS-10	Shop Supplies		1.0

Task: 6 19-000-021 Truck A/C System - Recovery, Evacuation & Recharge Department: Service

Complaint: a/c not working

Correction: A/C not working with codes on the dash,

Connected to DLB, Code for Low charge,

Recovered 1.5 lbs of 134a low but wasnt low enough to throw a fault,

Recharged with an extra 0.5 lb to fill to 2lbs of 134a as per international spec for rfacetube system of this year,

Fault still existed,

Disconnected presure sensor,

did pin to pin diagnostics to be sure wiring is ok, All good faults came active that should reconnected and all cleared, Pressure switch must have been stuck in range,

If issue reoccurs may need to order a switch PN 3546241C1

Ran unit for awhile all worked good butlow air flow,

Removed and replaced the cabin air filter, Good flow and cools good.

Supp.	Part	Description / Ref Number	U/M	Quantity
FG	AF26430	AIR FILTER (CAB)	EA	1.0
ATRLN	R134A-OZE	FREON, R134A	EA	8.0
	SS-10	Shop Supplies		1.0

Payment Method

Terms

Due Date

Charge

00 NET 30 DAYS

7/10/2026

I understand that all charges for parts and service work are due 30 days from the invoice date.

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Phone: 306-657-5600
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Invoice: **31W13546**
Date / Hour: 11/7/2024 2:41:34PM
Repair Order: 13546
Customer: 75642
Branch: S

Page 1 of 1

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Work: 306-384-0403

Shop: 306-384-0403

Customer P/O: 21

Open Date: 11/04/2024

Completion Date: 11/06/2024

Add User: dleite

Salesperson: PartsDefault

Unit Number: 21

Model Year: 2006

Make/Model: International 4600

Type: Deck

VIN: 1HTWGAAT06J287480

Meter: 996804 Kilometers

ECM Reading: 34023

Task: 1 12-000-189 Truck/Bus Engine EGR Cooler - Cleaning*

Department: Service

Complaint: replace egr USE SUPPLIED COOLANT IN CAB OF TRUCK

Correction: brought the truck in and started to remove the coolant hoses, air intake box, mounts and the egr mounting bolts. had to heat up the mounting bolts on the rear of the egr. installed the fittings on the new egr from the old one. installed the new egr. installed the coolant hoses, reinstalled the air box and intake hoses. found one of the coolant hoses that was nearly rubbed through and almost leaking. cut the pipe and clamped a piece of hose onto the pipe.

Supp.	Part	Description / Ref Number	U/M	Quantity
NI	1832540C94	KIT, 17" EGR COOLER	EA	1.0
KLNFO	313NF	313 NEW FORMULA 2024 390G	BTL	2.0
BF	ET-44	SILICONE GEAR CLAMP	EA	4.0
LOCAL	LO 5515-225	SIL RAD HOSE		1.0
	Freight	Parts Freight		1.0
	SS-10	Shop Supplies		1.0

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00 NET 30 DAYS

12/7/2024

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Invoice: **31W15189**
Date / Hour: 9/4/2025 1:24:58PM
Repair Order: 15189
Customer: 75642
Branch: S

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Bill To:

Ship To:

Work: 306-384-0403

Shop: 306-384-0403

Customer P/O: 21

Open Date: 08/22/2025

Completion Date: 08/29/2025

Add User: dleite

Salesperson: PartsDefault

Unit Number: 21

Model Year: 2006

Make/Model: International 4600

Type: Deck

VIN: 1HTWGAAT06J287480

Meter: 1050304 Kilometers

Task: 1 12-000-287 Truck/Bus Engine ECM Or IDM - R/R*

Department: Service

Complaint: UNIT DIED. SWAPPED ECM/IDM RELAY AND IT RESTARTED. A COUPLE DAYS LATTER UNIT ACTED UP AGAIN. UNIT RESTARTED AND CEL CAME ON DASH.

DRIVER STATES IT STUTTERS ONCE AND A WHILE

Correction: BROUGHT UNIT IN . HOOKED UP EZTECH. FOUND FAULT FOR FAILED IDM. DID POWER AND GROUND CHECKS ALL OKAY. UNIT WILL NEED AN IDM.

Supp.	Part	Description / Ref Number	U/M	Quantity
	ETC<	Electronic Tool Charge		1.0
	SS-10	Shop Supplies		1.0

Task: 2 12-000-287 Truck/Bus Engine ECM Or IDM - R/R*

Department: Service

Complaint: R&R IDM.PROGRAM ONCE INSTALLED

Correction: REMOVED LH FENDER AND FUEL FILTER HOUSING. REMOVED BRACKETS AND IDM/ECM HARNESS CONNECTIONS. REMOVED INTERCONNECT CONNECTION. REMOVED IDM/ECM ASSEMBLY, ONE MOUNTING BOLT WAS SPINNING . TOOK A BIT TO GET REMOVED. SPLIT AND INSTALLED NEW. REINSTALLED ALL REMOVED COMPONENTS. PROGRAMMED IDM/ECM. UNIT NO LONGER HAS FAULTS. PRIMED FUEL. STARTED UNIT AND DROVE.

Supp.	Part	Description / Ref Number	U/M	Quantity
N1	1845117C7	MODULE, INJECTOR DRIVER	EA	1.0
	PLEASE SHIP TODAY WITH STOCK ORDER			
N1	1845117C7-C	CORE, INJ. MODULE	EA	1.0
	PLEASE SHIP TODAY WITH STOCK ORDER			
N1	1845117C7-C	CORE, INJ. MODULE	EA	-1.0
KLNFL0	325	BRAKE & ELECTRICAL CLEANER	EA	1.0
	SS-10	Shop Supplies		1.0

Task: 3 08-000-050 Truck/Bus Cab Overlay Harness - R/R

Department: Service

Complaint: OVERLAY IDM POWER AND GROUNDS.

Correction: WHEN IDM/ECM WAS REMOVED WENT THROUGH HARNESS AND RE DID CURRENT OVERLAY CONNECTIONS AND REPLACED ANY WIRING THAT SHOWED ANY WEAR.

Supp.	Part	Description / Ref Number	U/M	Quantity
	SS-10	Shop Supplies		1.0

Task: 4 11-000-012 Truck Clutch Brake - R/R

Department: Service

Complaint: CHECK CLUTCH BRAKE AND ADJUSTMENT

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Repair Order: 15189
Customer: 75642
Branch: S

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Work: 306-384-0403 Shop: 306-384-0403

Customer P/O: 21 Open Date: 08/22/2025 Completion Date: 08/29/2025
Add User: dleite Salesperson: PartsDefault

Correction: CHECKED CLUTCH BRAKE OPERATION . FOUND TANGS ON CLUTCH BRAKE BROKE OFF AND CLUTCH NEEDS ADJUSTED.
ADJUSTED CLUTCH AND REPLACED CLUTCH BRAKE.

Supp.	Part	Description / Ref Number	U/M	Quantity
PCFTK	SB175	1.75 BABCOCK CLUTCH BRAKE	EA	1.0
	SS-10	Shop Supplies		1.0

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00 NET 30 DAYS

Due Date

10/4/2025

STATEMENT
OF WORK

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Invoice: **31W15387**
Date / Hour: 10/9/2025 9:24:20AM
Repair Order: 15387
Customer: 75642
Branch: S

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Bill To:

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Work: 306-384-0403

Shop: 306-384-0403

Customer P/O: 21

Open Date: 09/29/2025

Completion Date: 10/03/2025

Add User: dleite

Salesperson: PartsDefault

Unit Number: 21

Model Year: 2006

Make/Model: International 4600

Type: Deck

VIN: 1HTWGAAT06J287480

Meter: 1050364 Kilometers

Task: 1 11-000-011 Truck Clutch Assembly - R/R*

Department: Service

Complaint: CLUTCH HAS FAILED. REMOVE REQUIRED COMPONENTS FOR REPLACEMENT.

INPUT SHAFT WILL NEED TO BE REUSED . NO PARTS AVAILABLE IF IT IS WORN.

Correction: REMOVED REQUIRED COMPONENTS FOR CLUTCH REPLACEMENT. DRIVE LINE, PTO, PUMP, EXHAUST, AIRLINES AND SHIFT TOWER. REMOVED TRANS. PULLED CLUTCH DOWN. TORSION SPRINGS IN FRICTION DISK BROKEN. REMOVED FLYWHEEL AND GOT RESURFACED. REINSTALLED FLYWHEEL AND TORQUED. INSTALLED NEW CLUTCH. LEFT INPUT SHAFT, FORK AND CROSS SHAFTS. VERY MINIMAL WEAR. INSTALLED TRANS AND REMOVED COMPONENTS. FILLED TRANS WITH NEW OIL. WAS VERY DARK. TEST DROVE.

Supp.	Part	Description / Ref Number	U/M	Quantity
AUTOMN	755.CB175SB	Clutch Brake 2 Piece 1-3/4in	EA	1.0
KLNFL0	825	ENGINE SHAMPOO H/D 454 GM	EA	2.0
IRVOIL	F0086040	GEAR OIL, 50 SYN TRANS, 18.9L	PL	1.0
	OIL-19L	EHC Oil - 19 Litre Pail		1.0
FLTSC	FLTC10723710	CLUTCH - 14 IN STAMPED ANGLE	EA	1.0
PLEASE SHIP WITH TODD TUESDAY				
FULR	FUL4305294	GASKET SHIFT TOWER	EA	2.0
LOCAL	LO 35P15-2	THICK PTO GASKET		1.0
	Freight	Parts Freight		1.0
	SS-10	Shop Supplies		1.0
	Sub Int	turn flywheel/pilot brg		1.0
0000466517				

Task: 2 12-000-062 Truck/Bus Engine Rear Mounting Insulators - R/R*

Department: Service

Complaint: REPLACE REAR ENGINE MOUNTS IF NEEDED WHEN TRANS IS REMOVED

Correction: SUPPORTED REAR OF ENGINE . REPLACED REAR ENGINE MOUNTS. MOUNTS WERE SPLIT IN THE CENTER. CAME OUT IN TWO PIECES. R&R REAR ENGINE SEAL .

Supp.	Part	Description / Ref Number	U/M	Quantity
NI	1841938C1	SEAL, REAR RADIAL LIP TYPE	EA	1.0
AUTOMN	M559169	ENGINE MOUNT REAR IHC	EA	2.0
	SS-10	Shop Supplies		1.0

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11/8/2025

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Salesperson: PartsDefault

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