

WINDREM



Work Order

Vehicle Code: R-50

Year:	2001	Alt. Vehicle ID:
Make:	Link Belt	WO Type:
Model:	AD30	Est. Downtime:
License No:		Hour Estimate:
VIN #:	L3J15461	Reference No:
Meter:	1: 1 2: 1	Requested By:
Meter Type:	Kilom Hours	Reason:
Transmission:		Delay Code:
Engine:	CUMMINS M11-C	
Engine Serial #:		

Work Order #:	33135
Issued:	2025-09-15 2:59 PM
Status:	Closed
Date:	2025-10-28 11:23 AM
Employee:	
Name:	
Page #:	1

Vendor:	NORTH DIESEL
Name:	NORTH DIESEL FLEET
Address:	
City/State:	

Work Order Notes:

DATE COMPLETED

RELEASED BY - (SIGNATURE REQUIRED)

Service call
Inspected transmission harness for terminal pins needed ordered and pick up parts. Cleaned transmission harness connector. Replaced missing and damaged pins. Boosted unit and started. Confirmed transmission shift into forward and reverse ranges. Unit would not restart without boost checked charging system voltage - 27.2V. Unit requires new batteries. Secured transmission harness. Tidied up loose harness in cab and reinstalled TCM and trim panels. Operator tested unit. Inspected for complaint of driveline vibration. Found 2nd axle torque rod bushings worn. Found 2nd axle input shaft u joint worn. Will find P/N's and quote parts to repair

Parts Used

<u>Part Number</u>	<u>Part Description</u>	<u>Service Code</u>	<u>Quantity</u>	<u>Cost (each)</u>	<u>Total</u>
OUTSIDE SERVICE	REPAIR		1.00	\$795.93	\$795.93
Total Parts					\$795.93
Total Parts and Service					\$795.93

WINDREM



Work Order

Vehicle Code: R-50

Year: 2001
 Make: Link Belt
 Model: AD30
 License No:
 VIN #: L3J15461
 Meter: 1: 1 2: 0
 Meter Type: Kilom Hours
 Transmission:
 Engine: CUMMINS M11-C
 Engine Serial #:

Alt. Vehicle ID:
 WO Type:
 Est. Downtime:
 Hour Estimate:
 Reference No:
 Requested By:
 Reason:
 Delay Code:

Work Order #: 29641
 Issued: 2023-10-04 11:10 AM
 Status: Closed
 Date: 2025-03-05 2:07 PM
 Employee:
 Name:
 Page #: 1

Vendor: DB
 Name: DAVE BENSON
 Address:
 City/State:

Work Order Notes:

DATE COMPLETED

RELEASED BY - (SIGNATURE REQUIRED)

REPAIR:

Drag truck inside shop and remove front axle. Remove suspension mounts and broken bolts on carrier. Drain diff and check for metal in oil. Install new bolts, fibre bushings. Drill output yoke and install retainer bolts. Modify lock collar for drive lockup. Install axle assembly, clean and install outer planetaries. Refill with oil. Replace 12 front wheel studs. Install wheels. Remove front fender to check transmission harness. Replace plug for turbine speed and lock for engine speed sensor plug. Change oil and filter for transmission. Replace hose for power steering pump. Change fuel filter.

Services Performed

Service Code	Description	Technician	Actual Hours	Hours	Cost
2000	DRIVE TRAIN - MISC			1.00	\$0.00
	COMMENT				
2009	DRIVE TRAIN - DIFFERENTIAL			1.00	\$0.00
	COMMENT				
2002	DRIVE TRAIN - TRANS MISC			1.00	\$0.00
	COMMENT				
0014	OIL CHANGE TRANS			1.00	\$0.00
	COMMENT				
5008	ENGINE - FUEL FILTER			1.00	\$0.00
	COMMENT				
Total Service				5.00	\$0.00

Parts Used

Part Number	Part Description	Service Code	Quantity	Cost (each)	Total
FF105	FILTER	5008	1.00	\$7.68	\$7.68
OUTSIDE SERVICE	PWR CONN WITH PINS & SEALS	0120	1.00	\$134.34	\$134.34
98187634AS	BUSHING, FRONT AXLE	2000	2.00	\$125.38	\$250.76
OUTSIDE SERVICE	METAL, ANGLE, KAW	0120	1.00	\$15.00	\$15.00
PIANO400250B	HINGE,PIANO, 4" X 72" X 75 X .250PIN	0120	1.00	\$47.12	\$47.12
T379897	STUD, WHEEL	7009	12.00	\$73.34	\$880.08

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Engine Serial #:

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Est. Downtime:
Hour Estimate:
Reference No:
Requested By:
Reason:
Delay Code:

Work Order #: 29641
Issued: 2023-10-04 11:10 AM
Status: Closed
Date: 2025-03-05 2:07 PM
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Name:
Page #: 2

Vendor: DB
Name: DAVE BENSON
Address:
City/State:

OUTSIDE SERVICE	DB SERVICE	2007	RELEASED BY - (SIGNATURE REQUIRED)	\$4,420.00
Total Parts				\$5,754.98
Total Parts and Service				\$5,754.98

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 Meter Type: Kilom Hours
 Transmission:
 Engine: CUMMINS M11-C
 Engine Serial #:

Alt. Vehicle ID:
 WO Type:
 Est. Downtime:
 Hour Estimate:
 Reference No:
 Requested By:
 Reason:
 Delay Code:

Work Order #: 29314
 Issued: 2023-07-20 2:15 PM
 Status: Closed
 Date: 2025-03-05 2:09 PM
 Employee:
 Name:
 Page #: 1

Vendor: KANGAS
 Name: KANGAS EQUIPMENT
 Address:
 City/State:

Work Order Notes:

REPAIR:
 CHECK RIDE HEIGHT
 13930C DROVE TO THE MACHINE IN
 BUCKHORN. GET UP THE NITROGEN AND
 FILLED THE CYLINDERS TO RAISE THE
 RIDE HEIGHT. RAISED IT FROM 5 INCHES
 TO 8 INCHES LOADED. THIS MADE A BIG
 DIFFERENCE IN THE RIDE OF THE
 MACHINE. CLEANED UP TOOLS AND
 WORK AREA. DROVE BACK TO THE SHOP

13930C LOADED UP AND DROVE TO THE
 MACHINE IN BUCKHORN. MOVED THE
 MACHINE AND HOOKED UP THE
 NITROGEN TO THE RIGHT SIDE OF THE
 MACHINE. FOUND THAT THE RIGHT
 CYLINDER WAS LOWER THAN THE LEFT.
 TOPPED UP THE CYLINDER AND RAISED
 THE RIDE HEIGHT SO IT WAS AT 8?? OF
 ROD SHOWING. HAD MIKE RUN THE
 MACHINE WITH A LOAD ON IT. FOUND IT
 DID NOT DROP. SPRAYED THE CYLINDER
 DOWN WITH SOAP AND WATER BUT DID
 NOT FIND ANY LEAKS. CLEANED UP
 TOOLS AND WORK AREA.DROVE BACK TO
 SHOP

DATE COMPLETED

RELEASED BY - (SIGNATURE REQUIRED)

Services Performed

Service Code	Description	Technician	Actual Hours	Hours	Cost
8000	EQUIP - RIDE HEIGHT			1.00	\$0.00
COMMENT					
Total Service				1.00	\$0.00

Parts Used

Part Number	Part Description	Service Code	Quantity	Cost (each)	Total
OUTSIDE SERVICE	RIDE HEIGHT SERVICE	8000	1.00	\$694.26	\$694.26
Total Parts					\$694.26
Total Parts and Service					\$694.26

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 Meter Type: Kilom Hours
 Transmission:
 Engine: CUMMINS M11-C
 Engine Serial #:

Alt. Vehicle ID:
 WO Type:
 Est. Downtime:
 Hour Estimate:
 Reference No:
 Requested By:
 Reason:
 Delay Code:

Work Order #: 29222
 Issued: 2023-06-13 6:39 AM
 Status: Closed
 Date: 2025-11-24 1:12 PM
 Employee:
 Name:
 Page #: 1

Vendor: DB
 Name: DAVE BENSON
 Address:
 City/State:

Work Order Notes:
 CHECK FRONT AXLE FOR DRIVE SHAFT BINDING

DATE COMPLETED

RELEASED BY - (SIGNATURE REQUIRED)

REPAIR:
 Remove front struts and have rebuilt. Reinstall and have filled with oil and nitrogen. Remove solenoid block for diff lock and have new solenoids ordered. Reinstall solenoid block. Check truck at Stonescape for pushing coolant. Rad cap won't hold any pressure. Get new cap and mechanical temp gauge.

Services Performed

Service Code	Description	Technician	Actual Hours	Hours	Cost
2000	DRIVE TRAIN - MISC			1.00	\$0.00
	COMMENT				
2007	DRIVE TRAIN - DRIVELINE			1.00	\$0.00
	COMMENT				
5014	ENGINE - RADIATOR			1.00	\$0.00
	COMMENT				
Total Service				3.00	\$0.00

Parts Used

Part Number	Part Description	Service Code	Quantity	Cost (each)	Total
OUTSIDE SERVICE	DB LABOUR	2000	1.00	\$1,657.50	\$1,657.50
OUTSIDE SERVICE	COILS	2007	1.00	\$352.91	\$352.91
130704C1	Cap	5014	1.00	\$16.35	\$16.35
HTA1156	GAUGE, WATER TEMP, MECHANICAL	5037	1.00	\$69.79	\$69.79
OUTSIDE SERVICE	CYLINDER REPAIR	6008	1.00	\$1,348.52	\$1,348.52
5-7105QG	7C U-JOINT	2006	2.00	\$156.25	\$312.50
Total Parts					\$3,757.57
Total Parts and Service					\$3,757.57

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 Transmission:
 Engine: CUMMINS M11-C
 Engine Serial #:

Alt. Vehicle ID:
 WO Type:
 Est. Downtime:
 Hour Estimate:
 Reference No:
 Requested By:
 Reason:
 Delay Code:

Work Order #: 29188
 Issued: 2023-07-17 11:33 AM
 Status: Closed
 Date: 2025-03-05 2:10 PM
 Employee:
 Name:
 Page #: 1

Vendor: KANGAS
 Name: KANGAS EQUIPMENT
 Address:
 City/State:

Work Order Notes:
 SET RIDE HEIGHT

DATE COMPLETED

RELEASED BY - (SIGNATURE REQUIRED)

REPAIR:
 DROVE TO THE MACHINE AT
 WINDREMS SHOP. GOT OUT JACKS
 AND JACKED UP THE MACHINE TO
 SE THE RIDE HEIGHT. ONCE THE
 MACHINE WAS AT THE HEIGHT WE
 WANTED WE FILLED THE
 CYLINDERS WITH OIL. ONCE THE
 CYLINDERS WERE FULL WE RAISED
 THE MACHINE USING NITROGEN
 AND SET THE FINAL RIDE HEIGHT.
 WE HAD TO REPLACE THE ONE
 CHARGE FITTING AS IT WAS
 LEAKING OFF. CLEANED UP TOOLS
 AND WORK AREA. DROVE BACK TO
 THE SHOP.

Services Performed

Service Code	Description	Technician	Actual Hours	Hours	Cost
6000	CHASSIS - MISC			1.00	\$0.00
COMMENT					
Total Service				1.00	\$0.00

Parts Used

Part Number	Part Description	Service Code	Quantity	Cost (each)	Total
OUTSIDE SERVICE	SET RIDE HEIGHT	6000	1.00	\$866.76	\$866.76
Total Parts					\$866.76
Total Parts and Service					\$866.76

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 VIN #: L3J15461
 Meter: 1: 1 2: 0
 Meter Type: Kilom Hours
 Transmission:
 Engine: CUMMINS M11-C
 Engine Serial #:

Alt. Vehicle ID:
 WO Type:
 Est. Downtime:
 Hour Estimate:
 Reference No:
 Requested By:
 Reason:
 Delay Code:

Work Order #: 28683
 Issued: 2023-03-06 6:36 AM
 Status: Closed
 Date: 2025-03-05 3:45 PM
 Employee:
 Name:
 Page #: 1

Vendor: DB
 Name: DAVE BENSON
 Address:
 City/State:

Work Order Notes:

DATE COMPLETED

RELEASED BY - (SIGNATURE REQUIRED)

REPAIR:
 Remove hood, rad and oil cooler. Remove cylinder head and front gear train.
 Measure liner protrusion. All at 0. Remove pistons and liners. Remove water
 pump and front hydraulic pump. Have front pump resealed. Roll in new main
 bearings, Install new liners with shims. Install new pistons, rings, rod
 bearings and piston cooler jets. Assemble front gear train using new thrust
 washers, new oil and water pumps. Install rebuilt cylinder head and injectors.
 Set valves and injectors and complete assembly. Install rad and oil cooler.
 Replace oil, fuel and air filters. Prelube oil system.
 Remove front rear diff pot. Remove right side caliper, planetary and hub.
 Remove rear output shaft. Replace bearings and seals in right planetary.
 Replace input and output seals in diff pot. Reseal power divider actuator and
 reassemble into axle housing. Install axles and new brake caliper with new
 pads. Refill oil and install wheel.

Services Performed

Service Code	Description	Technician	Actual Hours	Hours	Cost
5033	ENGINE - OVERHAUL			1.00	\$0.00
	COMMENT				
5025	ENGINE - WATER PUMP			1.00	\$0.00
	COMMENT				
2500	BRAKES - CALIPER			1.00	\$0.00
	COMMENT				
2501	BRAKES - RELINE			1.00	\$0.00
	COMMENT				
0014	OIL CHANGE			1.00	\$0.00
	COMMENT				
5008	ENGINE - FUEL FILTER			1.00	\$0.00
	COMMENT				
5032	ENGINE - OIL FILTER			1.00	\$0.00
	COMMENT				

WINDREM

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Year: 2001
 Make: Link Belt
 Model: AD30
 License No:
 VIN #: L3J15461
 Meter: 1: 1 2: 0
 Meter Type: Kilom Hours
 Transmission:
 Engine: CUMMINS M11-C
 Engine Serial #:

Alt. Vehicle ID:
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 City/State:

5007 ENGINE - FUEL INJECTOR RELEASED BY - (SIGNATURE REQUIRED) \$0.00

COMMENT

Total Service 8.00 \$0.00

Parts Used

Part Number	Part Description	Service Code	Quantity	Cost (each)	Total
OUTSIDE SERVICE	Engine Overhaul	5033	1.00	\$10,625.00	\$10,625.00
misc	MISC hatdware M&C	0120	1.00	\$93.70	\$93.70
672TIM	BEARING,CUP	7007	1.00	\$98.21	\$98.21
683TIM	BEARING, CONE	7007	1.00	\$213.56	\$213.56
32020	BEARING, TAPERED ROLLER	2000	1.00	\$188.20	\$188.20
	BEARING,NTN				
HMSA10 65X65X10	SEAL,OIL,METRIC, RUBBER OD 65X65X10	0301	1.00	\$9.35	\$9.35
HMSA10 110X130X12	SEAL, OIL,METRIC,RUBBER OD, 110X130X12	0301	1.00	\$22.15	\$22.15
A5901	SPACER, WHEEL DISK	7000	2.00	\$7.99	\$15.98
FLTECCT300LSS	CLAMP,GEAR,3",CT,STAINLESS	5015C	4.00	\$8.95	\$35.80
FLTECCT300LSS	CLAMP,GEAR,3",CT,STAINLESS	5015C	2.00	\$8.95	\$17.90
3867043	SEAL, O RING	0120	8.00	\$4.52	\$36.16
3050867	SEAL, GROMMET	0120	1.00	\$36.77	\$36.77
3899910	MANIFOLD, OIL	5000	1.00	\$1,018.77	\$1,018.77
IND4P	CALIPER, BRAKE, LINKBELT	2500	1.00	\$893.00	\$893.00
BW147LR	BRAKE PADS, LINKBELT	2501	1.00	\$309.55	\$309.55
BALPA1846	FILTER,AIR,OUTER,LINKBELT	5024AF	1.00	\$63.39	\$63.39
FF105	FILTER	5008	1.00	\$6.88	\$6.88
LF3000	OIL FILTER	5032	1.00	\$32.88	\$32.88
3411821R	FUEL INJECTOR	5007	1.00	\$368.40	\$368.40
3411821R	FUEL INJECTOR	5007	5.00	\$368.40	\$1,842.00
4003913	LEVER, ROCKER	0120	1.00	\$280.39	\$280.39
XKMG2L1308E	SHOES, BRAKES	2501	1.00	\$109.99	\$109.99
HF0480	AW46 HYDRAULIC OIL	0305	3.00	\$49.78	\$149.34
HF0480	AW46 HYDRAULIC OIL	0305	5.00	\$49.74	\$248.70
HF0480	AW46 HYDRAULIC OIL	0305	1.00	\$49.74	\$49.74
HF0480	AW46 HYDRAULIC OIL	0305	3.00	\$59.78	\$179.34
3879521C1	HOSE, RAD OUTLET	5015	1.00	\$0.00	\$0.00
2500115C1	NUT	0120	1.00	\$27.08	\$27.08
2500115C1	NUT	0120	1.00	\$27.08	\$27.08
MISC	M&C SEALS, BEARINGS PLUS	0120	1.00	\$1,000.58	\$1,000.58
MISC	INTERNATIONAL WHEEL SEALS	7008	1.00	\$382.60	\$382.60

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Model:	AD30	Est. Downtime:
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VIN #:	L3J15461	Reference No:
Meter:	1: 1 2: 0	Requested By:
Meter Type:	Kilom Hours	Reason:
Transmission:		Delay Code:
Engine:	CUMMINS M11-C	
Engine Serial #:		

Work Order #:	28683
Issued:	2023-03-06 6:36 AM
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Page #:	3

Vendor:	DB
Name:	DAVE BENSON
Address:	
City/State:	

OUTSIDE SERVICE	Outside Parts & Service Provider	15033	RELEASED BY - (SIGNATURE REQUIRED)	\$10,747.87
Total Parts				\$29,130.36
Total Parts and Service				\$29,130.36