



**TARBUTT TOWNSHIP**  
**Council Agenda**  
**Special Meeting**  
**October 8<sup>th</sup> 2020**

- Routine Matters:**
- 1. Call to order**
  - 2. Declaration of pecuniary Interest**
  - 3. Delegations**
  - 4. Council/Staff/Committee Reports:** Clerks Report
  - 5. Adopt Addendum**

**(6)A. OLD BUSINESS:**

**(7)B. NEW BUSINESS:**

1. Agreement to finance and purchase a used 2020 Combination Plow / Sand Truck

**(8)C. INFORMATION:**

**(9)D. MEETINGS/WORKSHOPS:**

**(10)E. NOTICE OF MOTION:**

**(11)F. CLOSED SESSION:**

**(12) ADJOURNMENT:**



**From:** jpete stefanizzi  
**Sent:** Thursday, October 8, 2020 4:18 PM  
**To:** Caryn Orchard  
**Subject:** 2012 Freightliner

Good afternoon Caryn,

The net book value for your 2012 Freightliner as of December 31, 2019 is 90,932.30.

Hope this helps and have a good day!

*Sincerely,*

**Justin-Peter Stefanizzi, CPA**  
*Stefanizzi Professional Corporation*  
207 Northern Avenue East, Unit 2  
Sault Ste. Marie, ON P6B 4H9

PH: ~~705-949-9616~~ ext 134  
FAX: ~~705-949-8947~~



## >> Amortizing Debenture Schedule

**Organization Name** Tarbutt Township  
**Principal Amount** \$254,250.00  
**Annual Interest Rate** 1.02 %  
**Loan Term (Year)** 5  
**Debenture Date (mm/dd/yyyy)** 10/14/2020  
**Maturity Date (mm/dd/yyyy)** 10/14/2025  
**Payment Frequency** Monthly  
**Loan Type** Amortizing

Payment Date	Total Payment	Principal Amount	Interest Amount	Principal Balance
11/14/2020	\$4,348.27	\$4,132.16	\$216.11	\$250,117.84
12/14/2020	\$4,348.27	\$4,135.67	\$212.60	\$245,982.17
01/14/2021	\$4,348.27	\$4,139.19	\$209.08	\$241,842.98
02/14/2021	\$4,348.27	\$4,142.70	\$205.57	\$237,700.28
03/14/2021	\$4,348.27	\$4,146.22	\$202.05	\$233,554.06
04/14/2021	\$4,348.27	\$4,149.75	\$198.52	\$229,404.31
05/14/2021	\$4,348.27	\$4,153.28	\$194.99	\$225,251.03
06/14/2021	\$4,348.27	\$4,156.81	\$191.46	\$221,094.22
07/14/2021	\$4,348.27	\$4,160.34	\$187.93	\$216,933.88
08/14/2021	\$4,348.27	\$4,163.88	\$184.39	\$212,770.00
09/14/2021	\$4,348.27	\$4,167.42	\$180.85	\$208,602.58
10/14/2021	\$4,348.27	\$4,170.96	\$177.31	\$204,431.62
11/14/2021	\$4,348.27	\$4,174.50	\$173.77	\$200,257.12
12/14/2021	\$4,348.27	\$4,178.05	\$170.22	\$196,079.07
01/14/2022	\$4,348.27	\$4,181.60	\$166.67	\$191,897.47
02/14/2022	\$4,348.27	\$4,185.16	\$163.11	\$187,712.31
03/14/2022	\$4,348.27	\$4,188.71	\$159.56	\$183,523.60
04/14/2022	\$4,348.27	\$4,192.27	\$156.00	\$179,331.33
05/14/2022	\$4,348.27	\$4,195.84	\$152.43	\$175,135.49
06/14/2022	\$4,348.27	\$4,199.40	\$148.87	\$170,936.09
07/14/2022	\$4,348.27	\$4,202.97	\$145.30	\$166,733.12
08/14/2022	\$4,348.27	\$4,206.55	\$141.72	\$162,526.57
09/14/2022	\$4,348.27	\$4,210.12	\$138.15	\$158,316.45
10/14/2022	\$4,348.27	\$4,213.70	\$134.57	\$154,102.75
11/14/2022	\$4,348.27	\$4,217.28	\$130.99	\$149,885.47
12/14/2022	\$4,348.27	\$4,220.87	\$127.40	\$145,664.60
01/14/2023	\$4,348.27	\$4,224.46	\$123.81	\$141,440.14
02/14/2023	\$4,348.27	\$4,228.05	\$120.22	\$137,212.09
03/14/2023	\$4,348.27	\$4,231.64	\$116.63	\$132,980.45
04/14/2023	\$4,348.27	\$4,235.24	\$113.03	\$128,745.21
05/14/2023	\$4,348.27	\$4,238.84	\$109.43	\$124,506.37
06/14/2023	\$4,348.27	\$4,242.44	\$105.83	\$120,263.93
07/14/2023	\$4,348.27	\$4,246.05	\$102.22	\$116,017.88
08/14/2023	\$4,348.27	\$4,249.65	\$98.62	\$111,768.23

Payment Date	Total Payment	Principal Amount	Interest Amount	Principal Balance
09/14/2023	\$4,348.27	\$4,253.27	\$95.00	\$107,514.96
10/14/2023	\$4,348.27	\$4,256.88	\$91.39	\$103,258.08
11/14/2023	\$4,348.27	\$4,260.50	\$87.77	\$98,997.58
12/14/2023	\$4,348.27	\$4,264.12	\$84.15	\$94,733.46
01/14/2024	\$4,348.27	\$4,267.75	\$80.52	\$90,465.71
02/14/2024	\$4,348.27	\$4,271.37	\$76.90	\$86,194.34
03/14/2024	\$4,348.27	\$4,275.00	\$73.27	\$81,919.34
04/14/2024	\$4,348.27	\$4,278.64	\$69.63	\$77,640.70
05/14/2024	\$4,348.27	\$4,282.28	\$65.99	\$73,358.42
06/14/2024	\$4,348.27	\$4,285.92	\$62.35	\$69,072.50
07/14/2024	\$4,348.27	\$4,289.56	\$58.71	\$64,782.94
08/14/2024	\$4,348.27	\$4,293.20	\$55.07	\$60,489.74
09/14/2024	\$4,348.27	\$4,296.85	\$51.42	\$56,192.89
10/14/2024	\$4,348.27	\$4,300.51	\$47.76	\$51,892.38
11/14/2024	\$4,348.27	\$4,304.16	\$44.11	\$47,588.22
12/14/2024	\$4,348.27	\$4,307.82	\$40.45	\$43,280.40
01/14/2025	\$4,348.27	\$4,311.48	\$36.79	\$38,968.92
02/14/2025	\$4,348.27	\$4,315.15	\$33.12	\$34,653.77
03/14/2025	\$4,348.27	\$4,318.81	\$29.46	\$30,334.96
04/14/2025	\$4,348.27	\$4,322.49	\$25.78	\$26,012.47
05/14/2025	\$4,348.27	\$4,326.16	\$22.11	\$21,686.31
06/14/2025	\$4,348.27	\$4,329.84	\$18.43	\$17,356.47
07/14/2025	\$4,348.27	\$4,333.52	\$14.75	\$13,022.95
08/14/2025	\$4,348.27	\$4,337.20	\$11.07	\$8,685.75
09/14/2025	\$4,348.27	\$4,340.89	\$7.38	\$4,344.86
10/14/2025	\$4,348.55	\$4,344.86	\$3.69	\$0.00
	<b>\$260,896.48</b>	<b>\$254,250.00</b>	<b>\$6,646.48</b>	

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This calculator is provided for general illustrative purposes only and does not constitute investment advice. To take into account your specific circumstances, you should obtain professional investment, legal and/or tax advice, as appropriate.



## >> Serial Debenture Schedule

**Organization Name** Tarbutt Township  
**Principal Amount** \$254,250.00  
**Annual Interest Rate** 1.02 %  
**Loan Term (Year)** 5  
**Debenture Date (mm/dd/yyyy)** 10/14/2020  
**Maturity Date (mm/dd/yyyy)** 10/14/2025  
**Payment Frequency** Monthly  
**Loan Type** Serial

Payment Date	Total Payment	Principal Amount	Interest Amount	Principal Balance
11/14/2020	\$4,457.76	\$4,237.50	\$220.26	\$250,012.50
12/14/2020	\$4,447.10	\$4,237.50	\$209.60	\$245,775.00
01/14/2021	\$4,450.42	\$4,237.50	\$212.92	\$241,537.50
02/14/2021	\$4,446.74	\$4,237.50	\$209.24	\$237,300.00
03/14/2021	\$4,423.18	\$4,237.50	\$185.68	\$233,062.50
04/14/2021	\$4,439.40	\$4,237.50	\$201.90	\$228,825.00
05/14/2021	\$4,429.34	\$4,237.50	\$191.84	\$224,587.50
06/14/2021	\$4,432.06	\$4,237.50	\$194.56	\$220,350.00
07/14/2021	\$4,422.23	\$4,237.50	\$184.73	\$216,112.50
08/14/2021	\$4,424.72	\$4,237.50	\$187.22	\$211,875.00
09/14/2021	\$4,421.05	\$4,237.50	\$183.55	\$207,637.50
10/14/2021	\$4,411.57	\$4,237.50	\$174.07	\$203,400.00
11/14/2021	\$4,413.71	\$4,237.50	\$176.21	\$199,162.50
12/14/2021	\$4,404.47	\$4,237.50	\$166.97	\$194,925.00
01/14/2022	\$4,406.36	\$4,237.50	\$168.86	\$190,687.50
02/14/2022	\$4,402.69	\$4,237.50	\$165.19	\$186,450.00
03/14/2022	\$4,383.39	\$4,237.50	\$145.89	\$182,212.50
04/14/2022	\$4,395.35	\$4,237.50	\$157.85	\$177,975.00
05/14/2022	\$4,386.71	\$4,237.50	\$149.21	\$173,737.50
06/14/2022	\$4,388.01	\$4,237.50	\$150.51	\$169,500.00
07/14/2022	\$4,379.60	\$4,237.50	\$142.10	\$165,262.50
08/14/2022	\$4,380.67	\$4,237.50	\$143.17	\$161,025.00
09/14/2022	\$4,377.00	\$4,237.50	\$139.50	\$156,787.50
10/14/2022	\$4,368.94	\$4,237.50	\$131.44	\$152,550.00
11/14/2022	\$4,369.65	\$4,237.50	\$132.15	\$148,312.50
12/14/2022	\$4,361.84	\$4,237.50	\$124.34	\$144,075.00
01/14/2023	\$4,362.31	\$4,237.50	\$124.81	\$139,837.50
02/14/2023	\$4,358.64	\$4,237.50	\$121.14	\$135,600.00
03/14/2023	\$4,343.60	\$4,237.50	\$106.10	\$131,362.50
04/14/2023	\$4,351.30	\$4,237.50	\$113.80	\$127,125.00
05/14/2023	\$4,344.08	\$4,237.50	\$106.58	\$122,887.50
06/14/2023	\$4,343.96	\$4,237.50	\$106.46	\$118,650.00
07/14/2023	\$4,336.97	\$4,237.50	\$99.47	\$114,412.50
08/14/2023	\$4,336.62	\$4,237.50	\$99.12	\$110,175.00

Payment Date	Total Payment	Principal Amount	Interest Amount	Principal Balance
09/14/2023	\$4,332.94	\$4,237.50	\$95.44	\$105,937.50
10/14/2023	\$4,326.31	\$4,237.50	\$88.81	\$101,700.00
11/14/2023	\$4,325.60	\$4,237.50	\$88.10	\$97,462.50
12/14/2023	\$4,319.21	\$4,237.50	\$81.71	\$93,225.00
01/14/2024	\$4,318.26	\$4,237.50	\$80.76	\$88,987.50
02/14/2024	\$4,314.59	\$4,237.50	\$77.09	\$84,750.00
03/14/2024	\$4,306.18	\$4,237.50	\$68.68	\$80,512.50
04/14/2024	\$4,307.25	\$4,237.50	\$69.75	\$76,275.00
05/14/2024	\$4,301.45	\$4,237.50	\$63.95	\$72,037.50
06/14/2024	\$4,299.91	\$4,237.50	\$62.41	\$67,800.00
07/14/2024	\$4,294.34	\$4,237.50	\$56.84	\$63,562.50
08/14/2024	\$4,292.56	\$4,237.50	\$55.06	\$59,325.00
09/14/2024	\$4,288.89	\$4,237.50	\$51.39	\$55,087.50
10/14/2024	\$4,283.68	\$4,237.50	\$46.18	\$50,850.00
11/14/2024	\$4,281.55	\$4,237.50	\$44.05	\$46,612.50
12/14/2024	\$4,276.58	\$4,237.50	\$39.08	\$42,375.00
01/14/2025	\$4,274.21	\$4,237.50	\$36.71	\$38,137.50
02/14/2025	\$4,270.54	\$4,237.50	\$33.04	\$33,900.00
03/14/2025	\$4,264.03	\$4,237.50	\$26.53	\$29,662.50
04/14/2025	\$4,263.20	\$4,237.50	\$25.70	\$25,425.00
05/14/2025	\$4,258.82	\$4,237.50	\$21.32	\$21,187.50
06/14/2025	\$4,255.85	\$4,237.50	\$18.35	\$16,950.00
07/14/2025	\$4,251.71	\$4,237.50	\$14.21	\$12,712.50
08/14/2025	\$4,248.51	\$4,237.50	\$11.01	\$8,475.00
09/14/2025	\$4,244.84	\$4,237.50	\$7.34	\$4,237.50
10/14/2025	\$4,241.05	\$4,237.50	\$3.55	\$0.00
	<b>\$260,843.50</b>	<b>\$254,250.00</b>	<b>\$6,593.50</b>	

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# The Corporation of the Township of Tarbutt Schedule of Tangible Capital Assets

Schedule 1

Year ended December 31, 2019

	Cost				Accumulated Amortization				2019	2018
	2019 Opening Balance	Additions and Betterments	Disposals/ Transfers	2019 Closing Balance	2019 Opening Balance	2019 Amortization Expense	Accumulated Amortization on Disposals	2019 Ending Balance		
Land	\$ 58,299	\$ -	\$ -	\$ 58,299	\$ -	\$ -	\$ -	\$ -	\$ 58,299	\$ 58,299
Buildings	715,509	26,722	-	742,231	261,780	17,158	-	278,938	463,293	453,729
Equipment	115,270	-	-	115,270	72,750	9,333	-	82,083	33,187	42,520
Infrastructure	5,485,986	46,937	-	5,532,923	3,577,064	275,253	-	3,852,317	1,680,606	1,908,922
Vehicle and machinery	717,102	5,283	-	722,385	318,065	37,657	-	355,722	366,663	399,037
Waste management land	110,390	-	-	110,390	21,997	3,154	-	25,151	85,239	88,393
	\$ 7,202,556	\$ 78,942	\$ -	\$ 7,281,498	\$ 4,251,656	\$ 342,555	\$ -	\$ 4,594,211	\$ 2,687,287	\$ 2,950,900

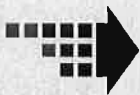




## Steps to a Loan: Municipalities

The following is a summary of the typical steps required as part of Infrastructure Ontario's (IO) loan application process for Municipalities.

### REGISTER



All loan applicants must complete our online Webloans application. If you have not previously applied for an IO loan you may request a username and password by contacting us at 1-800-230-0937.

The online application contains information regarding your municipality, project(s), project financing, related capital expense(s) and borrowing requirements. When completed, your application may be submitted and supporting documents forwarded to IO.

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### DOCUMENTATION



The following documents are required:

- By-law authorizing project borrowing using the IO template (will be provided)
- Loan Application Signature Page – provided when the application is submitted
- Certificate of Treasurer Regarding Litigation using the IO template (will be provided)
- Most recent audited Financial Statement (FS)

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### UNDERWRITING REVIEW



IO's Underwriting Group uses the information contained in the current or most recent municipal Financial Information Return (FIR) together with the audited FS to analyze a municipality's ability to service the loan.

During the year the financial information may need to be updated, or additional information may be required, to provide an accurate assessment of the application.

The following table provides a guide to the information that may be required:

Application Date	Information Required
▶ January 1st to June 30th, 2019	The most recent FIR and audited FS is required (or the previous year FIR and FS if 2018 is not available). 2018 and 2019 (if available) Capital Budget.
▶ July 1st to September 30th, 2019	2018 FIR and audited FS. Additional information including 2018 audited financials may be required if 2018 FIR is not available. 2018 and 2019 Capital Budget.
▶ October 1st to December 31st, 2019	2018 and audited FS is required. 2018 and 2019 Capital Budget.

#### CREDIT REVIEW



IO's Credit Group reviews the analysis prepared by the Underwriter and presents it to IO's Credit Review Committee (CRC) which meets regularly to assess and approve applications.

#### LEGAL REVIEW



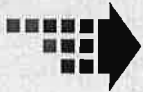
IO's Legal Counsel reviews applicable by-laws and any litigation that may impair your ability to meet debt obligations.

#### FINANCING AGREEMENT



When the application is approved and supporting application documents have been received in good order, a Financing Agreement (FA) is drafted and sent to you. The FA provides the terms and conditions of the agreement, the Financing Schedule, associated by-laws, and banking information. You must then review the FA, provide the necessary signatures, and return it to IO.

#### FINANCING AGREEMENT EXECUTION



IO then reviews and signs the FA, at which point it is considered to be fully executed. Copies of the FA and all applicable documents are forwarded to you.

#### FUNDS ADVANCED



When the agreement has been fully executed and all conditions precedent have been met, you may request short or long-term financing according to the terms of the FA.

IO advances funds on the 1st and 15th of the month (or the next business day if the flow date is not a business day). In certain circumstances funds may be required immediately; IO will make all efforts to accommodate requests for advances between flow dates.



**From:** Alam, Nofel (IO)  
**Sent:** Tuesday, October 6, 2020 12:03 PM  
**To:** Caryn Orchard  
**Subject:** RE: Funding Question

Hi Caryn,

We can definitely provide financing for the requested project. Please see below our lending rates as of today. When are you looking to obtain financing by?

	Construction	0.64%
	Amortizer	Serial
5Y	1.02%	1.02%
10Y	1.42%	1.41%
15Y	1.74%	1.72%
20Y	2.00%	1.97%
25Y	2.18%	2.14%
30Y	2.29%	2.24%

Thanks,

Nofel



**Nofel Alam**  
Infrastructure Ontario  
Client Relationship Officer, Finance and Lending  
[nofel.alam@infrastructureontario.ca](mailto:nofel.alam@infrastructureontario.ca)  
Mobile: 647-523-4192  
[www.infrastructureontario.ca](http://www.infrastructureontario.ca)

Follow IO at:   

**From:** Caryn Orchard <tarbutt township2@outlook.com>  
**Sent:** October 6, 2020 10:01 AM  
**To:** Alam, Nofel (IO) <Nofel.Alam@infrastructureontario.ca>  
**Subject:** Funding Question

**CAUTION:** This email originated from outside of Infrastructure Ontario. Do not click links or open attachment(s) unless you recognize the sender and know the content is safe.

Good Morning Nofel

Tarbutt Township is looking to borrow money to purchase a plow truck.

We are looking at a 1 year old used Plow/Sanding combination truck for \$225,000 + Tax

I was wondering if we would be able to acquire this funding through Infrastructure Ontario  
And if we are, what we are looking at for an interest rate.  
Thank You for your time

Caryn Orchard  
Tarbutt Township  
27 Barr Road South  
Desbarats, On  
Tel: (705) 782-6776

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## Lending Rates

Our lending rates are updated frequently as we track the movement of our cost of borrowing in the capital markets. Rates on debentures are fixed for the entire life of the loan once the debenture is issued. Rates on construction loans float throughout the term of the loan until they are replaced by a debenture.

### Today's Lending Rates

Borrowers can contact their **Relationship Manager (/Contact-Customer-Relations/)** who will provide a current indicative rate, as well as answer any financing questions.

### Serial and Amortizer Debentures

Interest rates on our serial and amortizer debenture loans are all-in blended rates (sometimes referred to as Annual Percentage Rate or Internal Rate of Return). In this respect they differ from serial debentures that some borrowers may have sold in the past through banks or investment dealers; such serial debentures may have had lower interest rates attached to principal that paid out in the early years and higher rates attached to the longer maturity portions of the debenture.

Our rates are based on the same concept, but we take the process one step further and determine the single interest rate that equates to the rates across the whole term of the loan.

### Sector Pricing

Infrastructure Ontario's loan pricing recognizes the unique fundamental credit character of each eligible client sector and continues to provide equitable access to affordable financing rates. Pricing is based on the relative long term credit strengths of each eligible client sector, recognizing the varying degrees of government involvement and the security afforded to Infrastructure Ontario.

This pricing approach ensures that Infrastructure Ontario can support all eligible clients in an equitable and non-discriminatory manner. All eligible clients within each sector share the same affordable rates, and same benefits of the loan program.



Indicative rates are based on Infrastructure Ontario's cost of funds plus a charge to cover program delivery costs.



## Infrastructure Ontario

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[YouTube \(https://www.youtube.com/channel/UCHqv0on7XVZI0roPjaiPaAQ\)](https://www.youtube.com/channel/UCHqv0on7XVZI0roPjaiPaAQ)



**Tarbutt Township**  
**27 Barr Rd S.**  
**Desbarats, On**  
**P0R1E0**

## **STAFF REPORT TO COUNCIL**

**To:** Mayor & Council

**Date:** October 8<sup>th</sup> 2020

**Prepared By:** Caryn Orchard – Acting Clerk Treasurer

**RE:** Purchase of a used 2020 Western Star Plow Truck

**Staff Recommendation:** That council considers the purchase of a used 2020 Western Star combination plow truck from Leroy Construction.

**Financial Implication:** The asking price for the truck is currently \$225,000 + H.S.T I am requesting that authorization to start the process of acquiring the financing through "Infrastructure Ontario" their lending rates are extremely low on a 5 yr loan.

**Background Information:** When passing the budget, it was agreed upon that the Township put out a tender for a new combination plow truck. Due to the current Covid 19 situation we were unable to get a written tender prepared to be sent out early enough for us to purchase a new plow truck for this upcoming winter season. Through information gathered from Macdonald, Meredith and Aberdeen Add'l and their tendering of a similar truck this summer I have concluded that this is an excellent price for this brand and quality of truck. Due to the ever increasing costs of the repairs that have needed to be done to our current plow truck I am concerned that we would possibly have a very costly breakdown this winter that would see us stuck with no way to sand our roads. The opportunity to purchase a 2020 Western Star Plow truck with approx 10,000 km (specs attached) has come up and I am recommending that, notwithstanding our procurement policy we purchase this truck at the cost of \$225,000 + HST. In order to purchase this same truck brand new we would likely be looking at a cost of approximately \$300,000 and around 18 months for delivery (that is how long it took the current owner to receive the truck) This is an excellent way in both the short and long term for Council to save a substantial amount of Tax Payers dollars by purchasing used at a reduced price and also by purchasing a higher quality truck that should in turn have less break downs and issues over the coming years. If this opportunity is passed up we will not be able to have a new truck in our possession until well into next year.

**Attachments:** - Specifications of the 2020 combination plow truck, Loan Calculation Spreadsheets, Tender Log from MacDonald Meredith & Aberdeen Add'l

**Prepared By:** Caryn Orchard

PH: 705-782-6776

Fax: 705-782-4274

E-Mail: tarbutttownship@bellnet.ca

APPENDIX I TO BY-LAW 2004-1453

**TENDER LOG**

**The Corporation of the Township of Macdonald, Meredith & Aberdeen Additional**

<b>Project Name:</b>	Plow Truck Tender 2020			
<b>Tender Deadline:</b>	August 13, 2020 2:00 P.M.			
<b>Name of Bidder</b>	<b>Envelope No.</b>	<b>Date Submitted</b>	<b>Time Submitted</b>	<b>Tender Amount**</b>
Rush Trucks	#1	Aug 12, 2020	4:25	280,203.82
Tms	#2	Aug 13, 2020	11:28 a.m.	293,985.32
Tms	#3	Aug 13, 2020	11:28 a.m.	273,276.90

Taxes /

\*\* To be completed only after tenders are opened in accordance with Tender Document.



VEHICLE PURCHASE AGREEMENT

H.S.T. VENDOR NO.

**TMS TRUCK CENTRE LTD.**

R105301071

1 - 987 Great Northern Road, Sault Ste. Marie, Ontario P6B 0B9

DEALER REG. NO.

TEL NO: (705) 759-8280 FAX NO: (705) 759-8343

2779678

DATE:

Sept.03/2019

P.O. NO.		HOME PHONE NO.		BUSINESS PHONE NO.		E-MAIL	
Leroy Construction				705-356-1015			
ADDRESS		APT. NO.		CITY		PROV.	
100 Development Drive				Blind River		ON	
POSTAL CODE		OCCUPATION					
PQR 1B0							
DRIVER'S LIC. NO.		INSURANCE		POLICY NO.		EXPIRY DATE	
I, THE PURCHASER, AGREE TO PURCHASE THE FOLLOWING VEHICLE FROM YOU, THE DEAL, ON THE TERMS SET OUT ON THE FRONT OF THIS PAGE							

**VEHICLE DESCRIPTION**

<input checked="" type="checkbox"/> NEW POLICE VEHICLE DAILY RENTAL		YEAR	MAKE	MODEL	COLOUR	LIC. NO.
<input type="checkbox"/> USED TAXICAB OTHER		2020	Western Star	4700SB	White	
VIN:		STOCK NO.		SAFETY STANDARDS CERTIFICATE NO.		
VIN: 5KKHAXFE4LPLW8168		N09350				
IF MANUFACTURER WARRANTY APPLICABLE		DISTANCE		PURCHASER'S		
TIME IS MEASURED FROM		TRAVELLED		INITIAL		

**BASIC VEHICLE AND OPTIONS****PURCHASE PRICE AND PAYMENT**

BASIC VEHICLE (MSRP)	\$ 146,000.00	TOTAL SALE PRICE	\$ 262,540.00
OPTIONAL EXTRAS		FREIGHT	
Viking PL1415HW Gen II Proline		FEDERAL AIR CONDITIONER TAX	\$ 100.00
combo dump/sander body		ONTARIO TIRE STEWARDSHIP FEE	\$ 139.50
Viking VCL36-11-45C full trip		LICENSE FEE	\$ 125.00
reversible plow			
Viking VCL144WHD side wing		PRODUCT NAME AND DESCRIPTION	
moldboard	\$ 116,540.00		
TOTAL BASIC VEHICLE AND OPTIONAL EXTRAS PRICE	\$ 262,540.00		
TOTAL →		TOTAL VEHICLE PRICE →	\$ 262,904.50
PREDELIVERY EXPENSE		TRADE-IN ALLOWANCE	
		TOTAL VEHICLE PRICE LESS TRADE-IN ALLOWANCE	\$ 262,904.50

**TRADE-IN DESCRIPTION AND LIEN DISCLOSURE**

H.S.T. ON TOTAL VEHICLE PRICE LESS TRADE-IN \$ 34,130.20

YEAR		MAKE	MODEL	LICENSEE FEE	TRANSFER	NEW PLATES
COLOUR		HST ON TRADE IN		FUEL (INCLUDES G.S.T.)		
DISTANCE TRAVELLED KM		LIENHOLDER	LIEN BAL.	PAYOUT OF LIENS AGAINST TRADE-IN		
We and our service providers and affiliates will use the information provided by you to (1) perform services as may be directly requested by you (II) provide more information regarding the products and services of us, our affiliates and business partners (III) generate statistical and aggregated data that does not identify your personality and (IV) disclose your information to our service providers and affiliates for the purpose of providing service to you and provide you more information regarding their products and services. By providing your information to us, you consent to these uses. You may notify us in writing if in the future you do not consent to any of these uses of the information you provide.				G.S.T. REGISTRANT NO.		
X SIGNATURE				TOTAL PURCHASE PRICE → \$ 297,034.70		
REMARKS				DEPOSIT X CASH _____ CHEQUE _____ C.CARD _____		
				Less Deposit 34,130.20		
				AMOUNT FINANCED (subject to lenders approval)		
				AMOUNT DUE ON DELIVERY → \$ 262,904.50		

**ACCEPTANCE OF TERMS****FINANCING TERMS**

PRINCIPAL AMOUNT		REPRESENTATIVE	
LIFE INSURANCE (IF REQUESTED)		X _____ X	
ACCIDENT & HEALTH INSURANCE (IF REQUESTED)		PURCHASER SIGNATURE CO-SIGNER (IF ANY)	
P & T ON TOTAL INSURANCE		NAME & POSITION OF AUTHORIZED REPRESENTATIVE: PERRY MUNCASTER/SALES MGR.	
ATION FEE		SIGNATURE OF AUTHORIZED REPRESENTATIVE	
TOTAL TO BE FINANCED		REG NO. 5069489	
COST OF BORROWING		SALESPERSON'S NAME	
AMOUNT OF PAYMENTS NO. OF PAYMENTS PAYMENT START DATE		REG NO. 5069489	



From: Rob Kent  
Sales Director – Snow and Ice Equipment

Phone: 613-406-2510  
e-mail: robkent@gincor.com

**To: Leroy Construction**

**Attn:** Bruce Brisbois

**Date:** March 20, 2019

**Re:** Viking Plow Equipment Quotation

**cc:**

Bruce – thank you for the opportunity to provide a quotation on Viking equipment, as supplied and installed by Gin-Cor Industries. Pricing is as follows:

To supply and install the following equipment:

Viking model PL1415HW Generation II Proline combination dump body / spreader

- Front left discharge with chain cross conveyor
- 3/16" thick Hardox 450 hi-tensile steel construction throughout
- Ace Ecobite II Pro automated spreader controller with 2 section valve assembly
- Air tarp system
- 10" hardwood sideboards painted black
- Complete lighting system including Grote Ultra Blue Seal LED lighting kit in rear corner posts, blue and amber LED strobe lights installed in rear corner posts, blue and amber warning lights mounted at pintle hook plate and Star 200B blue and 200A amber rotating beacons installed on pedestal behind cab
- Incandescent spinner and cross conveyor lights
- Holland Hitch model PH410RA pintle hook with air cushion and mounting plate
- Shovel holder on front panel
- Body painted Dupont Imron polyurethane one standard colour

Viking model VCL36-11-45C steel full trip reversible snow plow

- Standard steel cutting edge
- Rubber deflector
- Screw adjustable mushroom shoes
- 2 curb shoes
- 2 moldboard shoes
- 2 marker rods
- Quick tach swivel bar

Viking model VCL500T hydraulic tilt front harness assembly

- quick tach pockets

A handwritten signature in black ink, located at the bottom right of the page.



March 27, 2019

Viking model VCL350SCL cable type front and rear posts with front post trip hinge and 35 gallon back of cab oil reservoir

Viking model VCL144WHD steel side wing moldboard

- standard steel cutting edge
- 2 marker rods

Complete hydraulic system including Ultra Dowty front mount tandem dry mode pump, and 7 section proportional air type valves with in-cab controls

Aeon rubber helper spring on right front side

Viking frame cross member between frame rails back of cab to support wing system

front post wing light

rear post wing light

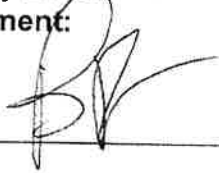
Ikron high pressure filter

Low hydraulic oil level light and buzzer

**Your net price - \$116,540.00 per unit, F.O.B. your location in Blind River – taxes are extra**

- **Optional screens - \$2,835.00 net extra per unit**

**Approved by Bruce Brisbois to proceed with the purchase of the above detailed plow equipment:**



Please note:

- pricing includes transport of completed truck, including plow and wing, to your facility in Blind River
- chassis must be equipped with provision for front mount crankshaft driven pump, including adapter
- front frame rail extensions are required for installation of front harness
- frame rails behind cab should be kept clear for the mounting of the cross conveyor with left side spinner and chute assembly, and right side rear wing post
- exhaust protrusion behind cab should be kept to a minimum
- a clear and useable C.A. of 134" minimum is required

Delivery is approximately 8 to 10 weeks from receipt of truck. I hope this is to your satisfaction but please don't hesitate to contact me with any questions.

Regards,

Prepared for:  
LEROY CONSTRUCTION  
100 DEVELOPMENT DRIVE  
BLIND RIVER, ON P0R1B0  
Phone: 705-356-1015

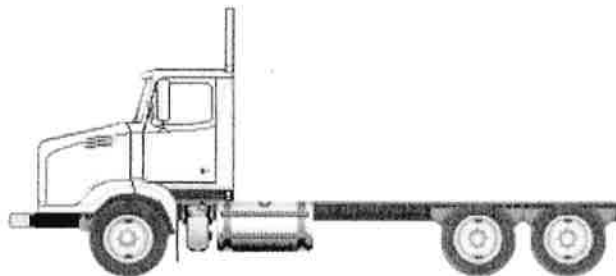
20-1  
Prepared by:  
Perry Muncaster  
T.M.S. TRUCK CENTRE LTD.  
987 GREAT NORTHERN ROAD  
SAULT STE. MARIE, ON  
P6A5K7  
Phone: 705-759-8280

*A proposal for*  
**LEROY CONSTRUCTION**

*Prepared by*  
**T.M.S. TRUCK CENTRE LTD.**  
*Perry Muncaster*

*Mar 22, 2019*

**Western Star 4700SB**



Components shown may not reflect all spec'd options and are not to scale

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100 DEVELOPMENT DRIVE  
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## QUOTATION

### 4700 SET-BACK FRONT AXLE CHASSIS

SET BACK AXLE - TRUCK  
CUM L9 370 HP @ 2000 RPM, 2100 GOV RPM, 1250  
LB/FT @ 1400 RPM  
ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH  
PTO PROVISION  
RT-46-164 46,000# R-SERIES TANDEM REAR AXLE  
AIRLINER 46,000# REAR SUSPENSION WITH CHAIN  
CLEARANCE  
DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP  
SINGLE FRONT AXLE

9,500# LEFT, 10,500# RIGHT MIXER/PLOW FLAT LEAF  
FRONT SUSPENSION (20,000#)  
110 INCH BBC STEEL CONVENTIONAL CAB  
5100MM (201 INCH) WHEELBASE  
11/32X3-1/2X10-15/16 INCH STEEL FRAME  
(8.73MMX277.8MM/0.344X10.94 INCH) 120KSI  
1775MM (70 INCH) REAR FRAME OVERHANG  
1/4 INCH (6.35MM) C-CHANNEL INNER FRAME  
REINFORCEMENT  
BODY COMPANY INSTALLED ADDITIONAL FRONT  
FRAME REINFORCEMENT FOR SNOW PLOW

		PER UNIT	TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$ 147,463	\$ 147,463
EXTENDED WARRANTY		\$ 0	\$ 0
DEALER INSTALLED OPTIONS		\$ 0	\$ 0
CUSTOMER PRICE BEFORE TAX		\$ 147,463	\$ 147,463

### TAXES AND FEES

TAXES AND FEES	\$ 0	\$ 0
OTHER CHARGES	\$ 0	\$ 0

### TRADE-IN

TRADE-IN ALLOWANCE	\$ (0)	\$ (0)
--------------------	--------	--------

BALANCE DUE	(LOCAL CURRENCY) \$ 147,463	\$ 147,463
-------------	-----------------------------	------------

COMMENTS: Projected delivery on \_\_\_ / \_\_\_ / \_\_\_ provided the order is received before \_\_\_ / \_\_\_ / \_\_\_.

APPROVAL: Please indicate your acceptance of this quotation by signing below: Customer:

X \_\_\_\_\_ Date: \_\_\_ / \_\_\_ / \_\_\_.

**Daimler Truck Financial**

Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or  
contact us at [Information@dtfoffers.com](mailto:Information@dtfoffers.com).

Daimler Truck Financial offers a variety of finance, lease and insurance solutions to  
fit your business needs. For more information about our products and services, visit  
our website at [www.daimler-truckfinancial.com](http://www.daimler-truckfinancial.com).

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 LEROY CONSTRUCTION  
 100 DEVELOPMENT DRIVE  
 BLIND RIVER, ON P0R1B0  
 Phone: 705-356-1015

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## S P E C I F I C A T I O N   P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
<b>Price Level</b>			
PRL-19T	WESTERN STAR 4700 PRL-19T (EFF:01/15/19)		
<b>Data Version</b>			
DRL-010	SPECPRO21 DATA RELEASE VER 010		
<b>Vehicle Configuration</b>			
001-451	4700 SET-BACK FRONT AXLE CHASSIS	9,215	6,530
004-220	2020 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK		
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10
003-001	LH PRIMARY STEERING LOCATION		
<b>General Service</b>			
AA1-003	TRUCK/TRAILER CONFIGURATION		
AA6-003	DOMICILED, CANADA (OTHER THAN QUEBEC)		
RCE-00F	FIXED CANADIAN EXCHANGE		
A85-011	CONSTRUCTION SERVICE		
A84-1RO	ROAD AND HIGHWAY MAINTENANCE BUSINESS SEGMENT		
AA4-010	DIRT/SAND/ROCK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1A5	WESTERN STAR VOCATIONAL WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 20000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 46000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 66000.0 lbs		

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Data Code	Description	Weight Front	Weight Rear
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs		
<b>Truck Service</b>			
AA3-018	FRONT PLOW/END DUMP BODY		
<b>Engine</b>			
101-22V	CUM L9 370 HP @ 2000 RPM, 2100 GOV RPM, 1250 LB/FT @ 1400 RPM	-850	-70
<b>Electronic Parameters</b>			
79A-075	75 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED		
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM		
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM		
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
80G-002	PTO MINIMUM RPM - 700		
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH		
<b>Engine Equipment</b>			
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-010	NO 2008 CARB EMISSION CERTIFICATION		
13E-001	STANDARD OIL PAN		
105-015	OIL FILL AND DIPSTICK LOCATED FOR ENHANCED SERVICEABILITY		
133-004	ONE PIECE VALVE COVER		
014-108	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10	
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
292-216	(3) DTNA GENUINE, AGM STARTING AND CYCLING, MIN 2190CCA, 570RC, THREADED STUD BATTERIES		
290-1AC	PASSENGER SEAT BATTERY BOX VENTED TO OUTSIDE OF CAB		





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Data Code	Description	Weight Front	Weight Rear
282-013	BATTERY BOX MOUNTED UNDER PASSENGER SEAT		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-006	PLASTIC BATTERY BOX COVER		
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	
306-998	NO BATTERY/ISOLATOR CONTROL		
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-076	CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH	20	
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE		
28F-007	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND DASH MOUNTED SINGLE REGENERATION REQUEST/INHIBIT SWITCH		
239-038	11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK	35	10
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILOPIPE SHIELD		
273-018	HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
110-003	CUMMINS SPIN ON FUEL FILTER		
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER		
120-009	FLEETGUARD PLAIN COOLANT FILTER	10	



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Data Code	Description	Weight Front	Weight Rear
266-017	1300 SQUARE INCH ALUMINUM RADIATOR	-20	
267-006	MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
103-037	ANTIFREEZE TO -60F, ETHYLENE GLYCOL PRE-CHARGED SCA HEAVY DUTY COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-016	RADIATOR DRAIN VALVE		
168-998	NO RADIATOR/OIL PAN GUARD	-5	
360-013	1350 ADAPTER FLANGE FOR FRONT PTO PROVISION	20	
138-011	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
166-002	PHILLIPS-TEMRO 150 WATT/115 VOLT OIL PREHEATER	4	
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
134-001	ALUMINUM FLYWHEEL HOUSING		
132-004	ELECTRIC GRID AIR INTAKE WARMER		
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH	-10	

#### Transmission

342-582	ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	-110	-35
---------	--	------	-----

#### Transmission Equipment

343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE

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Data Code	Description	Weight Front	Weight Rear
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84N-200	FUEL SENSE 2.0 DISABLED - MAXIMUM PERFORMANCE - TABLE BASED		
85P-998	NO REAR PTO TRANSMISSION RANGE		
353-060	BODY LIGHTING INTERFACE BLUNT CUT WIRING WITH FUSE PANEL WIRE MOUNTED BETWEEN DRIVER AND PASSENGER SEATS		
34C-010	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR, BLUNT CUT, MOUNTED BETWEEN DRIVER AND PASSENGER SEATS		
362-035	CUSTOMER INSTALLED CHELSEA 277 SERIES PTO		
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		

#### Front Axle and Equipment

400-1BB	DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	
403-002	NON-ASBESTOS FRONT BRAKE LINING	
419-023	CONMET CAST IRON FRONT BRAKE DRUMS	
427-001	FRONT BRAKE DUST SHIELDS	5
409-006	FRONT OIL SEALS	



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Data Code	Description	Weight Front	Weight Rear
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
406-001	STANDARD KING PIN BUSHINGS		
536-055	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	90	
539-003	POWER STEERING PUMP		
534-003	4 QUART POWER STEERING RESERVOIR		
533-001	OIL/AIR POWER STEERING COOLER		
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		
<b>Front Suspension</b>			
620-043	9,500# LEFT, 10,500# RIGHT MIXER/PLOW FLAT LEAF FRONT SUSPENSION (20,000#)	60	
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION		
410-001	FRONT SHOCK ABSORBERS		
<b>Rear Axle and Equipment</b>			
420-058	RT-46-164 46,000# R-SERIES TANDEM REAR AXLE		500
421-563	5.63 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	20	20
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES		
452-006	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES		30
878-023	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD- REAR AND REAR-REAR AXLE VALVE		
87A-005	INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH		
87B-008	INDICATOR LIGHT FOR EACH DRIVER CONTROLLED TRACTION DEVICE SWITCH		
423-019	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-002	NON-ASBESTOS REAR BRAKE LINING		

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 SAULT STE. MARIE, ON  
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Data Code	Description	Weight Front	Weight Rear
434-005	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) WITH AUXILIARY SUPPORT BRACKETS		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		
425-002	REAR BRAKE DUST SHIELDS		10
440-006	REAR OIL SEALS		
426-101	WABCO TRISTOP D LONGSTROKE 2-DRIVE AXLE SPRING PARKING CHAMBERS		
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
<b>Rear Suspension</b>			
622-108	AIRLINER 46,000# REAR SUSPENSION WITH CHAIN CLEARANCE		390
621-007	AIRLINER HIGH POSITION RIDE HEIGHT		
431-005	RESTRAINED AXLE SEATS IN AXLE CLAMP GROUP		
624-025	55 INCH AXLE SPACING		
888-047	MANUAL DUMP VALVE FOR AIR SUSPENSION WITHOUT GAUGE		
87D-006	INDICATOR LIGHT FOR EACH REAR SUSPENSION CONTROL SWITCH		
910-001	SINGLE AIR REAR SUSPENSION LEVELING VALVE		
623-002	TRANSVERSE CONTROL RODS		
439-005	REAR SHOCK ABSORBERS - TWO AXLES (TANDEM) (AIR RIDE SUSPENSION)		
<b>Brake System</b>			
490-100	WABCO 4S/4M ABS		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-009	BW AD-9 BRAKE LINE AIR DRYER WITH HEATER	20	
483-003	BENDIX OIL COALESCING FILTER FOR AIR DRYER		
479-005	AIR DRYER MOUNTED INBOARD ON RH RAIL		
460-058	STEEL AIR TANKS MOUNTED AFT INSIDE AND/OR BELOW FRAME JUST FORWARD OF REAR SUSPENSION		



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Data Code	Description	Weight Front	Weight Rear
607-001	CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD		
477-019	BW DV-2 AUTO DRAIN VALVE WITH HEATER TO WET TANK; DRAIN VALVE CABLES ON ALL OTHER TANKS		
478-002	MIDLAND ALCOHOL EVAPORATOR	5	
485-018	EXTERNAL CHARGING SCHRADER VALVE MOUNTED BACK OF CAB AT UPPER BOLT HOLE ON FRAME	5	
<b>Trailer Connections</b>			
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS		
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		
297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME		
1AZ-998	NO TRAILER RECEPTACLE BRACKET		
<b>Wheelbase &amp; Frame</b>			
545-510	5100MM (201 INCH) WHEELBASE		
546-101	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	360	-130
547-001	1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT	153	374
548-803	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
552-037	1775MM (70 INCH) REAR FRAME OVERHANG		
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH		
549-016	24 INCH INTEGRAL FRONT FRAME EXTENSION WITH 0.25 INCH INSERT	320	-60
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 137.49 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 134.49 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 340.31		
ZF1-99D	FRAME HEIGHT TOP FRONT UNLADEN : 34.1 in		
ZF2-99D	FRAME HEIGHT TOP FRONT LADEN : 30.84 in		
ZF3-99D	FRAME HEIGHT TOP REAR UNLADEN : 41.66 in		
ZF4-99D	FRAME HEIGHT TOP REAR LADEN : 30.84 in		

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Data Code	Description	Weight Front	Weight Rear
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 46.86 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 181.59 in		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 137.69 in		
553-001	SQUARE END OF FRAME		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-001	STANDARD REARMOST CROSSMEMBER		
565-002	HEAVY DUTY SUSPENSION CROSSMEMBER		
568-001	STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER		

#### Chassis Equipment

556-1E6	14 INCH CHROMED STEEL BUMPER
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE
586-015	FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS
44Z-002	EXTERIOR HARNESSSES WRAPPED IN ABRASION TAPE

#### Fuel Tanks

204-154	80 GALLON/302 LITER ALUMINUM FUEL TANK - LH	10
218-001	23 INCH DIAMETER FUEL TANK(S)	
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS	
212-007	FUEL TANK(S) FORWARD	
664-001	PLAIN STEP FINISH	
205-001	FUEL TANK CAP(S)	
122-1H8	DAVCO 245 FUEL/WATER SEPARATOR WITH 12 VOLT HEAT AND WATER IN FUEL SENSOR	20
216-020	EQUIFLO INBOARD FUEL SYSTEM	
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE	
221-998	NO FUEL COOLER	-10

#### Tires



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Data Code	Description	Weight Front	Weight Rear
093-1XJ	BRIDGESTONE M870 315/80R22.5 20 PLY RADIAL FRONT TIRES	96	
094-2D6	BRIDGESTONE M770 11R22.5 14 PLY RADIAL REAR TIRES		136
<b>Hubs</b>			
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
<b>Wheels</b>			
502-356	ALCOA ULTRA ONE 89U64X 22.5X9.00 10-HUB PILOT 5.99 INSET ALUMINUM FRONT WHEELS	-28	
505-1EF	ALCOA LVL ONE 88367X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS		-200
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
498-011	NYLON WHEEL GUARDS FRONT AND REAR ALL INTERFACES		
<b>Cab Exterior</b>			
829-1A8	110 INCH BBC STEEL CONVENTIONAL CAB		
82A-023	WESTERN STAR PAINTED ALUMINUM CAB SKIRT		
650-044	AIR CAB MOUNTS WITH CHECK VALVE		
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
667-001	FRONT FENDERS		
754-001	2 INCH FENDER EXTENSIONS	5	
678-034	LH AND RH EXTERIOR GRAB HANDLES WITH RUBBER INSERTS AND RH INTERIOR GRAB HANDLE MOUNTED TO A POST		
646-008	STATIONARY BRIGHT FINISH GRILLE		
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE		
640-008	GALVANEALD STEEL SEVERE SERVICE CAB		
644-006	FIBERGLASS HOOD WITH ACCESS HATCHES	10	
727-012	DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS		
726-001	SINGLE ELECTRIC HORN		
728-002	DUAL HORN SHIELDS		
657-1AG	DOORS AND IGNITION KEYED THE SAME		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		

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Data Code	Description	Weight Front	Weight Rear
312-072	SINGLE RECTANGULAR SEALED BEAM HEADLIGHTS WITH BRIGHT BEZELS		
302-001	(5) AMBER MARKER LIGHTS		
314-824	WIRING AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LAMPS WITH DUAL CONNECTIONS AT BUMPER		
311-001	DAYTIME RUNNING LIGHTS		
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1E0	DUAL WEST COAST STAINLESS STEEL HEATED MIRRORS WITH LH AND RH REMOTE		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-1AA	LH AND RH SUREPLUS 574 8 INCH BRIGHT FINISH HEATED CONVEX MIRRORS WITH SEPARATE ADJUSTMENT, MOUNTED BELOW MIRROR		
74A-001	RH DOWN VIEW MIRROR		
74B-080	RH AND LH 8 INCH STAINLESS STEEL FENDER MOUNTED CONVEX MIRRORS WITH TRIPOD BRACKETS	8	
729-001	STANDARD SIDE/REAR REFLECTORS		
787-020	ELECTRIC DOOR LOCKS, MECHANICAL KEY TUMBLER		
764-002	STAINLESS STEEL EXTERIOR SUN VISOR	28	
768-046	17.5X35 INCH TINTED REAR WINDOW		
661-006	TINTED DOOR GLASS		
654-011	RH AND LH ELECTRIC POWERED WINDOWS	4	
769-002	LOWER RH DOOR WINDOW WITH FRESNEL LENS	7	
663-023	2-PIECE TINTED CURVED GASKET MOUNTED HEATED WINDSHIELD		
659-025	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL		
647-001	WHITE WINTERFRONT	2	
<b>Cab Interior</b>			
707-1D0	GRAY VINYL BASE INTERIOR		
70K-005	BLACK HARD TRIM		
706-049	BASE LEFT HAND DOOR TRIM		
708-049	BASE RIGHT HAND DOOR TRIM		
772-007	BLACK MATS WITH DOUBLE INSULATION		

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Data Code	Description	Weight Front	Weight Rear
785-024	ASH CUP AND (1) POWER OUTLET		
691-001	FORWARD ROOF MOUNTED CONSOLE		
694-009	PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		
693-025	LH AND RH DOOR MAP POCKETS		
741-015	(2) COAT HOOKS ON BACKWALL OF CAB		
742-032	(1) DOUBLE CUP HOLDER WITH CELL PHONE HOLDER LH OR RH DASH		
680-034	TWO-TONE CHARCOAL UPPER/COOL GRAY LOWER SOFT TOUCH WING DASH WITH BLACK DRIVER SIDE COSMETIC UNDER DASH COVER		
700-014	HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT OUTLET TEMPERATURE CONTROL		
701-010	HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER AND OUTSIDE PRE-FILTER		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
702-002	BINARY CONTROL, R-134A		
739-002	ADDITIONAL CAB SIDEWALL INSULATION	60	10
285-019	AUTOMATIC SELF-RESET CIRCUIT BREAKER IN MAIN DASH POWER DISTRIBUTION BOX AND CIRCUIT BREAKER/FUSE IN AUXILIARY POWER DISTRIBUTION BOXES		
324-075	DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
284-112	(2) 12 VOLT POWER RECEPTACLES PLATE MOUNTED IN DASH		
756-1D9	PREMIUM HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT, ADJUSTABLE SHOCK ABSORBER	40	
760-294	BATTERY BOX MID BACK NON SUSPENSION PASSENGER SEAT		
759-007	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	

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Data Code	Description	Weight Front	Weight Rear
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER		
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER		
763-003	3 POINT DRIVER AND PASSENGER SEAT BELT RETRACTORS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
540-020	2-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL(S)		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		

#### Instruments & Controls

185-002	NON-ADJUSTABLE SUSPENDED PEDALS		
106-002	ELECTRONIC FOOT ACCELERATOR		
870-004	STAR GAUGES WITH BLACK BEZELS		
732-001	BLACK DRIVER INSTRUMENT PANEL		
734-001	BLACK CENTER INSTRUMENT PANEL		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
838-001	(1) SINGLE BRAKE APPLICATION AIR GAUGE		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-024	FILTERMINDER DASH MOUNTED AIR RESTRICTION GAUGE	2	
721-001	97 DB BACKUP ALARM		3
149-012	CRUISE CONTROL SWITCHES IN THE CENTER PANEL		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-001	WARNING LAMP/LIGHT BAR DISPLAY, NON-DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
4C0-998	NO ADDITIONAL EXTRA SWITCH ACCUATORS		
44Y-998	NO CUSTOMER INTERFACE CONNECTOR		
48F-998	NO PREWIRED HIGH POWER CIRCUIT		

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Data Code	Description	Weight Front	Weight Rear
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
746-1B4	AM/FM/WB WORLD TUNER RADIO WITH CD PLAYER, BLUETOOTH, IPOD INTERFACE, USB AND AUXILIARY INPUTS, J1939	10	
747-002	ROOF/OVERHEAD CONSOLE MOUNTED RADIO		
750-004	(4) RADIO SPEAKERS IN CAB		
748-026	POWER AND GROUND WIRING FOR CB RADIO IN OVERHEAD CONSOLE		
752-017	MULTI-BAND AM/FM/WB/CB LH MIRROR MOUNTED ANTENNA SYSTEM		
810-043	ELECTRONIC KPH SPEEDOMETER WITH SECONDARY MPH SCALE. WITH ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-998	NO VEHICLE PERFORMANCE MONITOR	-5	
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-068	FOUR IGNITION CONTROLLED EXTRA SWITCHES WITH INDICATOR LIGHT, 20 AMPS. WIRED BEHIND PASSENGER SEAT		
4C1-998	NO HARDWIRE SWITCH #1		
4C2-998	NO HARDWIRE SWITCH #2		
4C3-998	NO HARDWIRE SWITCH #3		
4C4-998	NO HARDWIRE SWITCH #4		
4C5-998	NO HARDWIRE SWITCH #5, ON/OFF LATCHING, WIRED TO CUSTOMER INTERFACE CONNECTOR		
4C6-998	NO HARDWIRE SWITCH #6, ON/OFF LATCHING, WIRED TO CUSTOMER INTERFACE CONNECTOR		
4C7-998	NO HARDWIRE SWITCH #7, ON/OFF LATCHING, WIRED TO CUSTOMER INTERFACE CONNECTOR		
4C8-998	NO HARDWIRE SWITCH #8, ON/OFF LATCHING, WIRED TO CUSTOMER INTERFACE CONNECTOR		
4C9-998	NO HARDWIRE SWITCH #9, ON/OFF LATCHING, WIRED TO CUSTOMER INTERFACE CONNECTOR		



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Data Code	Description	Weight Front	Weight Rear
4D0-998	NO HARDWIRE SWITCH #10, ON/OFF LATCHING, WIRED TO CUSTOMER INTERFACE CONNECTOR		
482-001	BW TRACTOR PROTECTION VALVE		
883-001	TRAILER HAND CONTROL BRAKE VALVE		
842-001	2 INCH TURBO AIR PRESSURE GAUGE		
836-001	2 INCH VOLTMETER		
660-001	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY AND ARCTIC TYPE BLADES		
304-019	CAB MARKER LIGHT AND HEADLIGHT SWITCH WITH SEPARATE SWITCH AND TERMINALS FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS		
882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
299-037	SELF CANCELING TURN SIGNAL SWITCH WITH INTEGRAL HEADLAMP DIMMER WITH BRAKE OVERRIDE		
298-036	PACIFIC INSIGHT ELECTRONIC FLASHER		
<b>Design</b>			
065-000	PAINT: ONE SOLID COLOR		
<b>Color</b>			
980-5F6	CAB COLOR A: L0006EB WHITE ELITE BC		
96J-001	CAB INTERIOR PAINTED SAME AS CAB COLOR		
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
<b>Certification / Compliance</b>			
996-002	CANADA CMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		
<b>Secondary Factory Options</b>			
999-014	DEALER HAS BEEN ADVISED OF AND ACCEPTED RESPONSIBILITY FOR MODIFICATIONS DUE TO POSSIBLE PTO/CHASSIS INTERFERENCE		
<b>Raw Performance Data</b>			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 340.31		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 134.49 in		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 137.69 in		

## TOTAL VEHICLE SUMMARY

Application Version 10.1.202  
 Data Version PRL-19T.010  
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### Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight <sup>+</sup>	9642 lbs	7528 lbs	17170 lbs
Total Weight <sup>+</sup>	9642 lbs	7528 lbs	17170 lbs

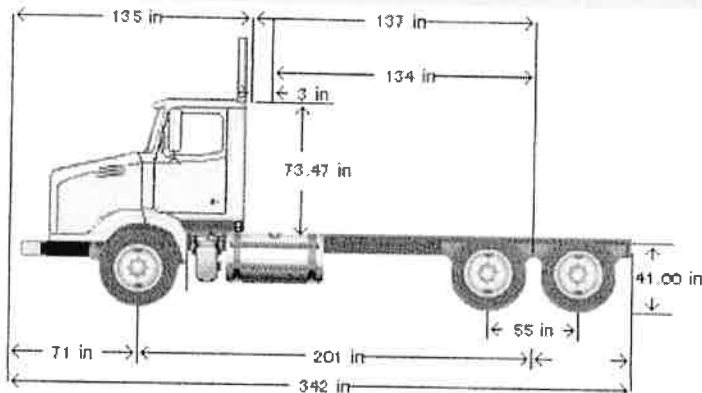
(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

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## DIMENSIONS



## VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model .....	4700SB
Wheelbase (545) .....	5100MM (201 INCH) WHEELBASE
Rear Frame Overhang (552) .....	1775MM (70 INCH) REAR FRAME OVERHANG
Fifth Wheel (578) .....	NO FIFTH WHEEL
Mounting Location (577) .....	NO FIFTH WHEEL LOCATION
Maximum Forward Position (in) .....	0
Maximum Rearward Position (in) .....	0
Amount of Slide Travel (in) .....	0
Slide Increment (in) .....	0
Desired Slide Position (in) .....	0.0
Cab Size (829) .....	110 INCH BBC STEEL CONVENTIONAL CAB
Sleeper (682) .....	NO SLEEPER BOX/SLEEPER CAB
Exhaust System (016) .....	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

## TABLE SUMMARY - DIMENSIONS

Prepared for:  
 LEROY CONSTRUCTION  
 100 DEVELOPMENT DRIVE  
 BLIND RIVER, ON P0R1B0  
 Phone: 705-356-1015

Prepared by:  
 Perry Muncaster  
 T.M.S. TRUCK CENTRE LTD.  
 987 GREAT NORTHERN ROAD  
 SAULT STE. MARIE, ON  
 P6A5K7  
 Phone: 705-759-8280

Dimensions	Inches
Bumper to Back of Cab (BBC)	134.5
Bumper to Centerline of Front Axle (BA)	71.2
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	137.5
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	134.5
Back of Cab Protrusions (Exhaust/Intake) (CP)	3.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	207.4
Cab Height (CH)	73.5
Wheelbase (WB)	200.8
Frame Overhang (OH)	0.0
Overall Length (OAL)	341.9
Rear Axle Spacing	55.0
Unladen Frame Height at Centerline of Rear Axle	41.7

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.