

REPAIR ORDER # **3172**CUSTOMER NAME  
MILEAGE  
REGISTRATION #  
VIN**CITY OF TERRACE**  
~~108,361~~ **106,866**  
**10096540**  
**BDAY0269**ELECTRIC BRAKE ☐  
HYDRAULIC BRAKE ☐  
AIR BRAKES ☒

## COMMERCIAL VEHICLE INSPECTION MEASUREMENT SHEET

## AIR BRAKE CHAMBER TYPE/ SIZE AND PUSH ROD TRAVEL

	AXLE 1	AXLE 2	AXLE 3	AXLE 4	AXLE 5
TYPE	clomp	clomp	clomp		
SIZE	24L	30L	30L		
SLACK ADJUSTER	A/M	A/M	A/M	A/M	A/M
RIGHT	44	40	40		
LEFT	42	40	42		

## AIR BRAKE CAMSHAFT ROTATION IN DEGREES

	AXLE 1	AXLE 2	AXLE 3	AXLE 4	AXLE 5
RIGHT	65	35	45		
LEFT	65	45	35		

## BRAKE LINING / PAD MEASUREMENT (MM)

	AXLE 1	AXLE 2	AXLE 3	AXLE 4	AXLE 5
PADS OR LININGS					
RIGHT	17	18	16		
LEFT	17	16	18		

## ROTOR THICKNESS OR DRUM INSIDE DIAMETER MEASUREMENT (MM)

	AXLE 1	AXLE 2	AXLE 3	AXLE 4	AXLE 5
ROTORS OR DRUMS					
RIGHT					
LEFT					

## TIRE TREAD DEPTH

	AXLE 1	AXLE 2	AXLE 3	AXLE 4	AXLE 5
RIGHT	12	11	12		
RIGHT INNER		11	12		
LEFT INNER		12	6		
LEFT	12	10	6		

DEFECTS NOTED: ITEMS MARKED "X" MUST BE REPAIRED FOR DECAL TO BE ISSUED

POWER TRAIN: X- exhaust clamp leaking and pipe loose on inlet  
of after treatment. support clamp broken and suspect  
bellows is broken too

- front engine leaking oil - possible front main

## SUSPENSION:

X- 3rd axle torque rod bushings

BRAKES: X- 1R Brake shoes rust jacking

X- 2R Brake shoes rust jacked and Broken

X- air leak under hood with Brakes released

- air build time is slow so +290 2:40. 3 min is max

## STEERING:

50psi to 90psi

## INSTRUMENTS &amp; AUX EQUIP:

<b>LIGHTING:</b>
<b>ELECTRICAL:</b>
<b>BODY AND FRAME:</b> X-frame rust jacked past limit on both sides and rest of material gone - needs rails
X-deck X-members rotted out
X-Jockey box brackets rust jacking
<b>TIRES AND WHEELS:</b>
- wiper blades should be replaced
<b>COUPLERS &amp; HITCHES:</b> X- 3 rear tie downs seized on drivers side

**ALL VEHICLES MUST BE INSPECTED TO THE CRITERIA PERTAINING TO THAT VEHICLE IN THE COMMERCIAL VEHICLE INSPECTION PROGRAM MANUAL.**

**SECTION 1 POWER TRAIN**

acc. pedal  
clutch disengagement  
drive belts  
engine shutdown control  
exhaust system  
fan  
fuel system  
motor mounts  
neutral safety  
starting operation  
universal joints

**SECTION 2 SUSPENSION**

gear shift indicator  
road clearance  
shock absorbers  
springs & attachments  
suspension  
wheel bearings

**SECTION 3 HYDRAULIC BRAKES**

auto trans  
brake pedal reserve  
brake failure indicator  
brake lines & hoses  
brake master cylinder  
front brake drums  
front & rear disk brakes  
front brake lining  
power brake  
proportioning valve  
rear brake drums  
rear brake lining  
vac system, reserve, pump op.  
wheel cylinders

**SECTION 3A AIR BRAKES**

air lines  
air brake components  
air compressor build time

air governor cut-in pressure  
air leakage  
air governor cut-out pressure  
air compressor  
brake drum condition  
brake lining thickness  
brake camshafts  
compressed air reserve  
contaminated lining  
disc brakes  
glad hands interlock system (bus)  
low air indicator  
park and emerg. brake app.  
reservoirs, brackets & straps  
slack adjuster travel  
spring caging bolts  
tractor protection valve

**SECTION 4 STEERING**

ball joints  
drag link  
front wheel bearing  
handle bars (mc)  
king pins & alignment  
king pin play  
pitman arm  
power steering system  
steering linkage  
steering travel  
steering lash  
steering box  
steering linkage  
steering column coupler  
tie rod ends  
tie rod

**SECTION 5 INST. & AUX EQUIP.**

air pressure gauge  
fire exit  
fire extinguisher  
first aid kit

hazard warning kil  
headache rack or chain rack  
horn & switches  
instruments & indicators  
pedal pads  
s/b signs  
s/b body paint  
speedometer

**SECTION 6 LAMPS**

backup & plate lamps  
beam indicator  
clearance lamps  
flashing red warning lamps  
hazard lamps  
headlamps operation & aim  
i.d. lamps  
instrument lamps  
reflex reflectors  
sidemarker lamps  
stepwell lamps (bus)  
stop lamps  
tail lamps  
turn signal lamps

**SECTION 7 ELECTRICAL**

alternator/generator  
battery & wiring  
switches  
trailer cord  
visible wiring

**SECTION 8 BODY & FRAME**

air suspended cabs  
body doors, bumpers & cab step  
doors & locks  
emergency door or exit  
fenders or mud flaps  
fenders & fairings  
floor  
frame rails

frame  
hood or tilt cab  
hood safety catch  
landing gear  
mirrors  
passenger seats  
seats and belts  
service door and stepwell  
side windows  
sliding bogie  
stanchions  
sun visors  
tank & pressure vessels  
tanks  
truck- tailgate  
w/s defroster  
w/s wipers  
w/s shield

**SECTION 9 TIRE & WHEELS**

dual wheels & tires  
tire pressures  
wheel & tires - outside rear  
wheel & tires - tires front  
wheel & tires - inside rear

**SECTION 10 COUPLERS & HITCHES**

fifth wheel coupling  
no-slack hitch  
secondary attachments  
trailer hitches & no slack hitch  
upper 5th wheel plate

**SECTION 10 (SPECIAL USE VEHICLE)**

driving school vehicles  
physically disabled passenger  
vehicle taxis

**PLEASE ENSURE THAT ALL VEHICLE INFORMATION IS CORRECTLY RECORDED. THE LICENCE PLATE NUMBER, REGISTRATION NUMBER OR VEHICLE IDENTIFICATION NUMBER MUST BE PRESENT.**

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