

FOUR-ON-THE-SNOW NEWSLETTER

NO SNOW TOO DEEP...NO ROAD TOO STEEP

Volume 15 Issue 3 • March 2023



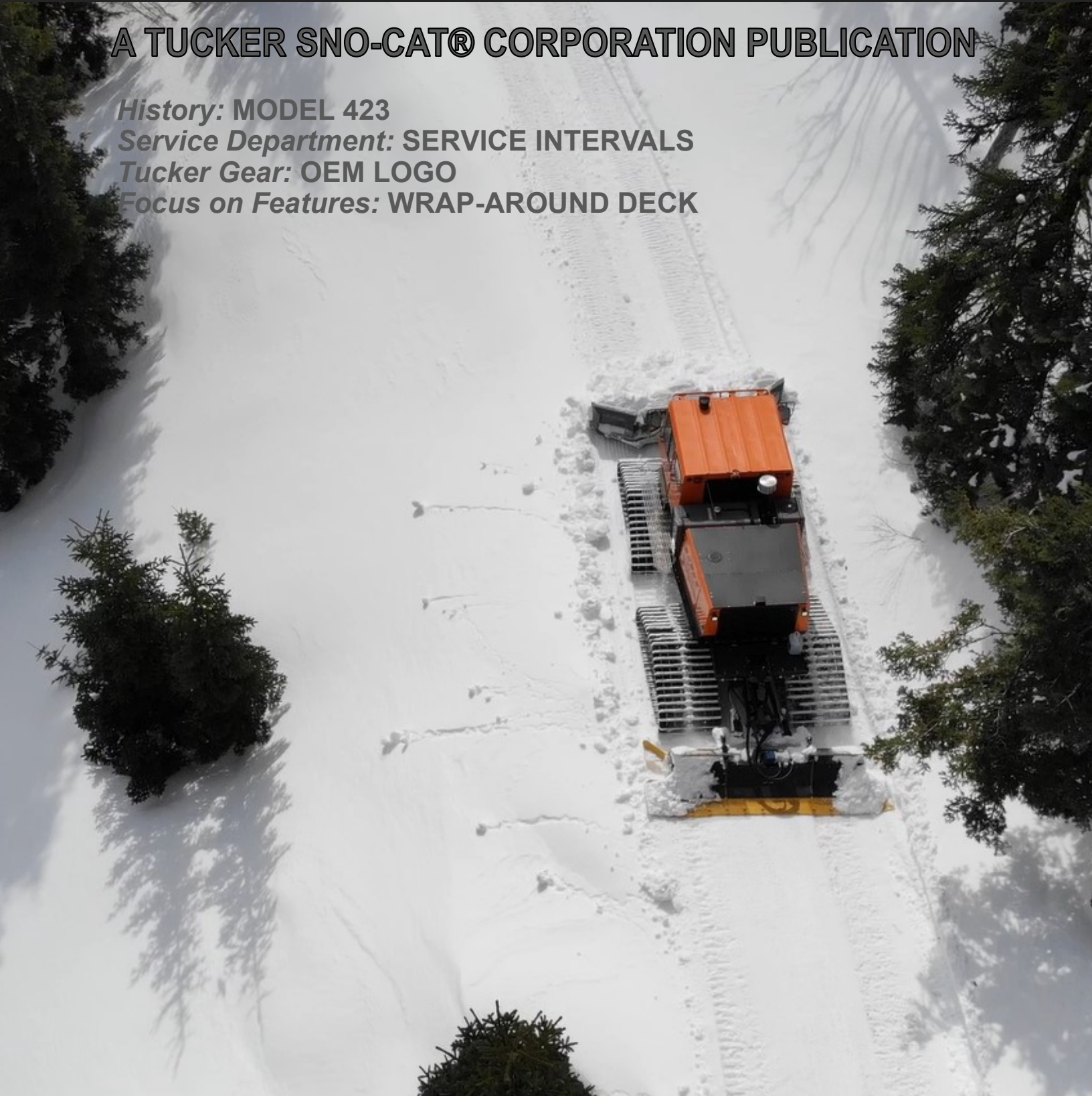
A TUCKER SNO-CAT® CORPORATION PUBLICATION

History: MODEL 423

Service Department: SERVICE INTERVALS

Tucker Gear: OEM LOGO

Focus on Features: WRAP-AROUND DECK



TUCKER SNO-CAT® CORPORATION | 2872 S. PACIFIC HWY (541) 779-3731 | MEDFORD, OR 97501
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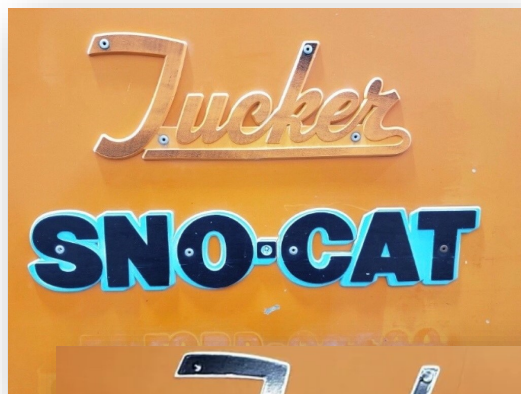
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Established in 1942 by Emmitt Tucker Sr., Tucker Sno-Cat® is known worldwide for their four-tracked design, excellent performance, and efficiency. The original manufacturer of over-snow transportation, Tucker Sno-Cat® vehicles provide the ultimate traction advantage in steep terrain, while leaving a gentle footprint.



1949 Classic Sno-Cat®
Model 423



BEFORE



AFTER

GEAR

Tucker Sno-Cat®

OEM Logo

Mounts in original emblem
mount location. Powder Coat-
ed Steel with Vinyl Graphics

Approx. 14.5 x 4.25

Comes as a set of 2.

SHOP

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Focus on Features: **WRAP-AROUND DECK**

Often our utility customers request a wrap-around deck with a 5 and/or 8 passenger Tucker Sno-Cat®. Here is an example of one during construction. Wrap-around decking creates a great work platform along with an area to carry additional gear. Often we see dry bags, tool boxes, and snow shoes.





Service Department Notes: **SERVICE INTERVALS**

INTERVALS ARE GIVEN IN OPERATIONAL HOURS. ALL RECOMMENDATIONS ARE MADE WITH AVERAGE USAGE IN MIND. ANY VEHICLE WITH A HEAVY WORKLOAD SHOULD BE SERVICED MORE FREQUENTLY AND INSPECTED THOROUGHLY FOR WEAR, LEAKS AND PROPER FUNCTIONALITY OF ALL SYSTEMS AT THE BEGINNING OF EACH DAY OF OPERATION. PLEASE REFER TO THE WORK ORDER FOR FLUID TYPES AND FILTER NUMBERS FOR YOUR PARTICULAR VEHICLE.

DAILY:

- ☐ GREASE TILLER END PLATE BEARINGS
- ☐ CHECK ENGINE OIL LEVEL
- ☐ CHECK AIR FILTER
- ☐ CHECK TRANSFER CASE OIL LEVEL (SIGHT GLASS)
- ☐ CHECK WHEEL FLUIDS (SIGHT GLASS)
- ☐ INSPECT TRACKS
- ☐ CHECK BRAKE FLUID LEVEL
- ☐ CHECK TRANSMISSION FLUID LEVEL
- ☐ CHECK COOLANT LEVEL
- ☐ FAN BELT TENSION
- ☐ CHECK HYDRAULIC FLUID LEVEL
- ☐ DRAIN FUEL/WATER SEPARATOR
- ☐ LIGHT FUNCTIONALITY
- ☐ GAUGE FUNCTIONALITY

FIRST 25 HOURS:

- ☐ REPLACE ENGINE OIL & FILTER
- ☐ REPLACE TRANSMISSION FILTER
- ☐ REPLACE HYDRAULIC FILTERS
- ☐ REPLACE TRANSFER CASE FLUID & FILTER
- ☐ REPLACE DIFFERENTIAL FLUID
- ☐ GREASE ENTIRE MACHINE
- ☐ GREASE DRIVELINES AND U-JOINTS

MINIMUM EVERY 25 HOURS OF OPERATION:

- ☐ GREASE ALL DRIVELINES & U-JOINTS
- ☐ GREASE TILLER PUMP SHAFT (173HP ONLY)
- ☐ GREASE HEIM JOINTS – (FRONT & REAR)
- ☐ GREASE 5TH WHEEL TURN BOSS (FRONT & REAR)
- ☐ GREASE SLIDE CLAMPS (FRONT & REAR)
- ☐ GREASE TRUNNION PIN
- ☐ GREASE BLADE FITTINGS
- ☐ GREASE TILLER LIFT FRAME & PIVOT
- ☐ GREASE TOP DAMPER WHEELS





Service Department Notes: **CONTINUED...**

MINIMUM EVERY 100 HOURS OF OPERATION:

- ☐ CHECK TORQUE ON HEIM JOINTS
- ☐ EMERGENCY BRAKE ADJUSTMENT

MINIMUM EVERY 250 HOURS OF OPERATION:

- ☐ REPLACE ENGINE OIL & FILTER
- ☐ REPLACE AIR FILTER
- ☐ CHECK TRACK TENSION
- ☐ GREASE TRACK ADJUSTERS
- ☐ GREASE CARRIER JOURNALS (TOP & BOTTOM)
- ☐ CHECK DIFFERENTIAL FLUID (FRONT & REAR)

MINIMUM EVERY 500 HOURS OF OPERATION:

- ☐ REPLACE TRANSMISSION FLUID & FILTER
- ☐ REPLACE TRANSFER CASE FLUID & FILTER
- ☐ REPLACE ALL FUEL FILTERS
- ☐ REPLACE ALL HYDRAULIC FILTERS

NOTE: NEW TRACK BELTS WILL STRETCH MORE THAN NORMAL FOR THE FIRST 100 HOURS. FAILURE TO MAINTAIN CORRECT TRACK TENSION COULD RESULT IN DAMAGE TO TRACK, CARRIER AND SPROCKET.

ANNUAL (SUMMER SERVICE REQUIREMENTS):

- ☐ REPLACE DIFFERENTIAL FLUID
 - ☐ REPLACE HYDRAULIC FLUID & FILTERS
 - ☐ SERVICE ALL BOGY WHEELS
 - ☐ SPROCKET HUB BEARINGS
 - ☐ LOAD TEST BATTERIES
 - ☐ REPLACE WIPER BLADES
 - ☐ REPLACE TILLER GEAR BOX FLUID
 - ☐ REPLACE ENGINE OIL & FILTER
 - ☐ REPLACE TRANSMISSION FLUID & FILTERS
 - ☐ CHECK ALTERNATOR OUTPUT
 - ☐ CHECK COOLANT CONCENTRATION LEVELS
 - ☐ GREASE ENTIRE MACHINE
 - ☐ REPLACE ALL FUEL FILTERS
 - ☐ CHECK TRACK TENSION
 - ☐ REPLACE TRANSFER CASE FLUID & FILTER
- EVERY OTHER YEAR
- ☐ FLUSH COOLANT SYSTEM
 - ☐ TRANSMISSION FLUID & FILTERS (TRANSYND)

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FACES AROUND THE FACTORY

Our company's success is a direct result of our employees' efforts, grit and grace. An organization is only as good as its employees, and we are fortunate to have a great team.

FABRICATION



Marshall, Zech, David, Will

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FOR SALE

2021 2000G-38-6 300HP Tucker Sno-Cat®

- Cummins 6.7L 300HP Tier 4i
- Allison 3000 Transmission
- 38" x 200" Steel Tracks
- 5-Passenger Cab
- HD 12-Way Grooming Blade
- Triple Rear Hydraulics
- Air Lockers on Differentials
- 950 Hours



Click Here to
Learn More



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FOR SALE 2018 MODEL 1600AG TUCKER SNO-CAT®

- CUMMINS 6.7L 173HP
TIER 4I (NO DEF)
- ALLISON TRANSMISSION
- LOCKING DIFFERENTIALS
- AIR CONDITIONING
- 2-PASS AG CAB
- (HIGH VISIBILITY)
- 30" AG TRACKS



Click Here to
Learn More



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