

REVISED EDITION

PRODUCT CATALOG

The toughest and most
reliable vehicle in the
mining industry



TOYOTA

LAND CRUISER

ACCESS



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Our mission :

To build the toughest, most reliable, and safest vehicle for the mining industry.

Our team is focused on innovation and development to transform and adapt the legendary TOYOTA LAND CRUISER to meet your needs.

One truck...**Several configurations!**



From bare frame



To fully equipped mechanical truck

Custom designs available!

General specifications

LANDCRUISER CAB & CHASSIS MODEL CODE : HZJ79, 4WD

Capacity :	1 TON
Engine :	1HZ 6-CYLINDER CANMET CERTIFIED # 949
Torque :	207 LB. FT. @ 4000 RPM
Trans :	5-SPEED MANUAL (R151)
Brakes :	FRONT DISC 322x32 (mm) / REAR DRUM BRAKES, 295 (mm)
Tires :	7.50 X 16, 8-PLY RATING OFF-ROAD, MOUNTED ON 1 PIECE RIMS
GVWR :	3200 KG (7054 LBS)
GAWR :	FRONT : 1460 KG (2866 LBS) / REAR : 2300 KG (5071 LBS)
Suspension :	FRONT COIL SPRINGS / SEMI-ELLIPTICAL LEAF SPRINGS REAR
Steering :	POWER ASSISTED RECIRCULATING BALL
Towing capacity :	3500 KG * (7700 LBS) * W/TRAILER BRAKES 750 KG (1650 LBS) NO BRAKES
Lenght :	220"
Width :	84"

Beacon light according to the mine site specs



10LBS ABC Fire extinguisher with holder



80AMP OEM Alternator



Heavy duty front & rear bumpers and side steps



Back-up Alarm



Reinforced rear differential



Neutral switch



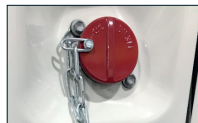
Safety 3 point contact painted in green



Sealed cable glands



Fuel tank cap with chain



Top gun seat covers



Steering stops



Lockable main master switch



4 Tow hooks



Basic equipment included

Extended
differential breather



Fluid caps painted red



Lamacoid identifications



High intensity
LED working lights
(2x Front & 2x Back-up)



Terminal box
for add-on accessories



Wheel chocks with holder



Exhaust purifier



Hour meter



Mud guards



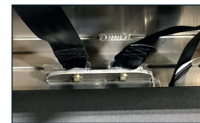
Spare tire



Door straps



Certified anchorage points for
safety belts in all personnel carriers



Rust proof treatment

Block heater

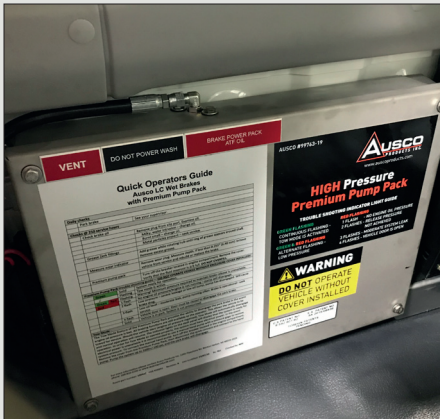


Ausco is a braking system designed to survive the most rugged conditions and harshest environments of the mining industry.

ACCES : Authorized Canadian distributor.

Ausco brake designs feature Double 2-Stage technology, which utilizes the OEM Toyota master cylinder and provides great pedal feel for strong, smooth stops. Operators and maintenance personnel alike will appreciate Ausco's commitment to reducing downtime through design innovations that include :

- High energy lining for low maintenance and less downtime.
- Internal cooling chambers to lower operating temperatures at higher vehicle speeds without overheating the brakes.
- Fail-to-safe braking at the wheels allows for safe emergency stops with no driveline damage.
- Pre-assembled one piece design for easy installation and service.



- Removable slave cylinder to eliminate the need to re-bleed the brakes during service of brakes, or adjacent components.
- Dual grease barrier sealing configuration to protect the hub and brake from water penetration and contamination.
- Improved sealing protects axle and differential from water penetration.
- Lightweight, hard-coat anodized aluminium housing design that :
 - ➔ Runs cooler to eliminate brake fade
 - ➔ Increases brake life
 - ➔ Easier to handle for service



BTE-001

- Aluminum Flat Deck with sides.
- Tailgate for easy access.



BTE-004

- Steel Flat Deck with sides.
- Tailgate for easy access.

Flat decks

BTE-007

- Aluminum Flat Deck.
- Anchor points to attach banding straps.



BTE-101

- Aluminum Flat Deck with sides.
- 2 boxes with doors configurable either empty, with shelves, drawers or welding tanks





BTE-134

Mechanical feed team equipped with :

- TCLX 018 Hiab with outriggers
- Revolt 747 booster
- Inverter with 120 volt A/C outlet
- Tommy gate
- Vise
- Compartments with shelves / drawers

Recommended options :

- Reinforced frame
- HD suspension
- 10 ply tires



BTE-136

Mechanical box with :

- Compartments with shelves & drawers
- Inverter
- Tommy Gate
- Vise

Mechanical trucks

BTE-124

Mechanical box equipped with :

- Revolt 747 booster
- Multiple compartments with shelves and/or drawers
- Welding tanks

Recommended options :

- HD suspension
- 10 ply tires



BTE-128

Mechanical box with :

- Compartments with shelves / drawers
- Vise
- Tailgate



Custom designs available



BTE-300

- Enclosed aluminum box
- 3 passengers
- Tailgate
- Certified seat belt attach point

Recommended option :

- Box heater



BTE-305

- Open aluminum box
- 3 passengers
- ROPS/FOPS Cab & Box
- Tail gate
- Certified seat belt attach point
- Wider opening between cab and box

*Number of passengers is for rear box only.
2 more passengers in cab. (All models)

Personnel carriers

BTE-306

- Enclosed aluminum box
- 3 passengers
- ROPS/FOPS Cab & Box
- Tailgate
- Certified seat belt attach point
- Wider opening between cab and box



BTE-310

- Open steel box
- 3 passengers
- Tailgate
- Certified seat belt attach point





BTE-600

- Enclosed aluminum box
- 6 passengers (facing forward)
- ROPS/FOPS Cab & Box
- Rear storage box
- Certified seat belt attach point

Recommended options :

- Box heater



BTE-800

- Enclosed aluminum box (standard)
- 8 passengers
- Certified seat belt attach point

Recommended option :

- Box heater

BTE-801

- Open aluminum box
- 8 passengers
- Certified seat belt attach point



BTE-804

- Open aluminum box
- 8 passengers
- Protective screen
- Certified seat belt attach point



Now Available Double Cab





BTE-808

- Enclosed aluminum box (oblique)
- 8 passengers
- Certified seat belt attach point

Recommended option :

- Box heater



BTE-809

- Enclosed aluminum box
- 8 passengers
- Storage boxes under the seats
- Certified seat belt attach point

Recommended option :

- Box heater

BTE-814

- Open aluminum box
- 8 passengers
- ROPS/FOPS Cab & Box
- Wider opening between cab and box
- Certified seat belt attach point



BTE-815

- Enclosed aluminum box
- 8 passengers
- ROPS/FOPS Cab & Box
- Certified seat belt attach point
- Wider opening between cab and box



Recommended option :

- Box heater



TEMBO

Access signed a 5 years agreement with VivoPower International, wholly-owner of Tembo e-LV B.V for the distribution on the Canadian market of their 100% electric version of the legendary Toyota Land Cruiser, well known in mining industry for its robustness and versatility.

Vehicle overview:

- Based on the Toyota Land Cruiser 79 series
- 100% Battery Electric Vehicle
- ZERO Emissions (CO, NOx, Heat, Noise)
- Better air quality underground
- Low maintenance cost
- Low running cost
- Less downtime



One design criteria : "Built for mining"

- Proven part suppliers from automobile industry
- IP67 protection against water
- Double IP67 protection on critical parts and batteries!
- Corrosion resistance: Stainless steel, harnesses
- Liquid cooled components
- Mine spec braided harnesses
- Deutsch connectors
- Balanced weight distribution

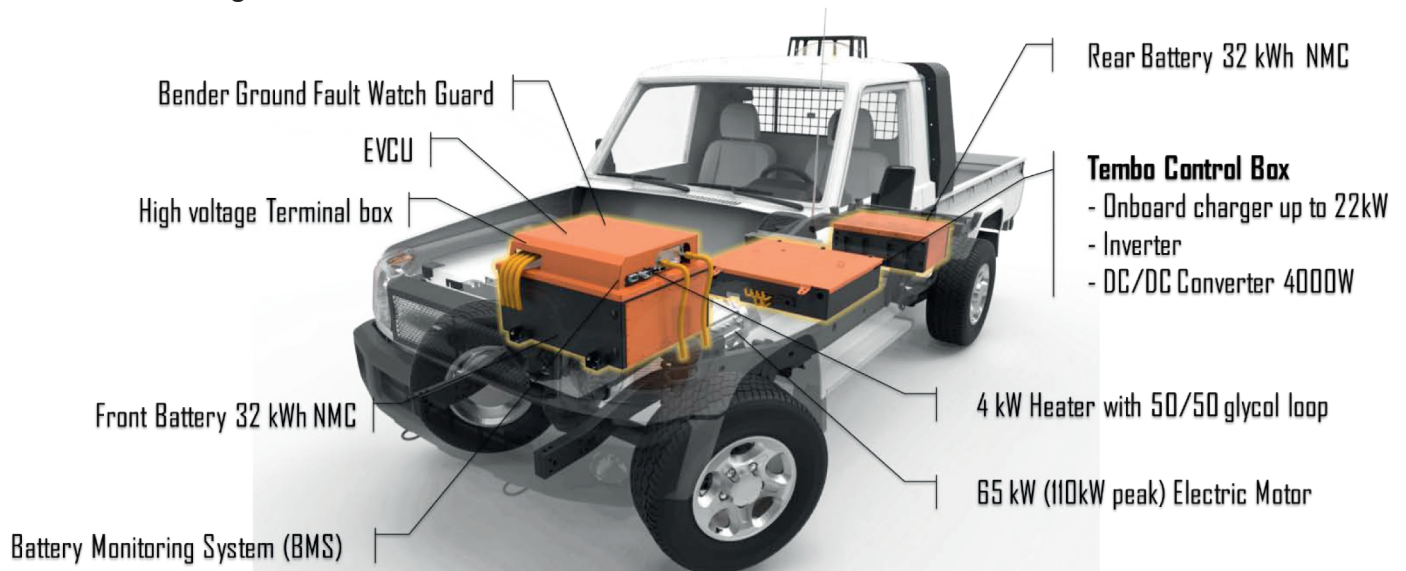


New EV23 design :

- Key improvements:
- New modular batteries with improved energy density
- New in house software (Own EVCU)
- Improved range (~200Km*)
- New charger with DC fast charging capability (50kW)
- New electronic cluster
- New gear selector
- IP67 Rating (double rating on specific components)
- Thermal management for winter conditions
- Integrated speed limiter
- Redesigned control box, 4:1 ratio
- Improved weight distribution
- 125kg weight saving



EV23 design overview:



Our emergency vehicles are designed for the mining industry. They can be equipped with several possible options for mining environments :

- Thermal imaging cameras,
- Reverse camera, relief view
- Gas detectors (CO , NO2, ...)
- LED Beacons
- Special seats with removable backrest
- And more...

Starting with the solid Toyota Landcruiser platform, we can customize your next emergency vehicle.



Mine rescue vehicles



Personalize your vehicle with different options

Suspension ☒

- Special Heavy duty
(increased capacity)



- Heavy duty 14 leaf springs

- OEM 11 leaf springs



ROPS & FOPS protection options ☒

- Certified ROPS/FOPS Level 2 for Cab
- Steel structure



- Certified FOPS Level 2 for Cab
- Steel structure



- We also have many ROPS/FOPS models Cab & Box
- Aluminum structure integrated in the box



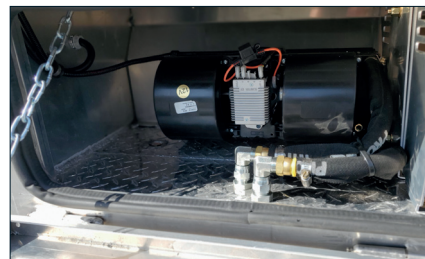
→ See Personnel carrier section

Air conditioning system / heater ☒

- Cab A/C



-Box Heating



Tires ☒

-OEM 7.50/R16 (6 ply)

-Toyo M55 LT 235/85/R16 (10 ply)

-Goodyear G971 LT 235/85/R16 (10 ply)

-Toyo M55 LT 245/75/R16 (10 ply)

-Goodyear G971 LT 215/85/R16 (10 ply)

-Yokohama G015 LT 285/75/R16 (10ply)



Transmission



- No locking

- Gear locked (3,4,5 or 4,5 or 5)

- Transfer case locked in low speed or hi speed (or no locking)

Body options

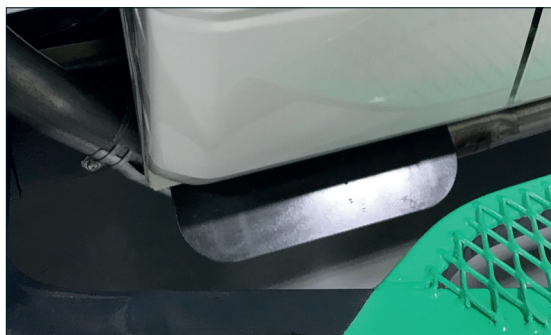


- Cab Rear window
(standard or sliding window)



Body options ☒

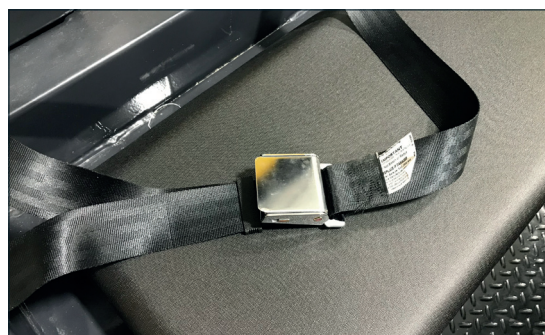
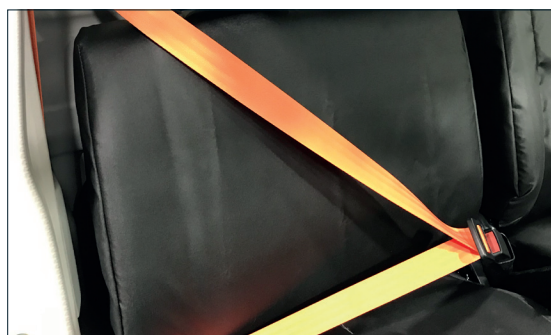
- Fuel deflector



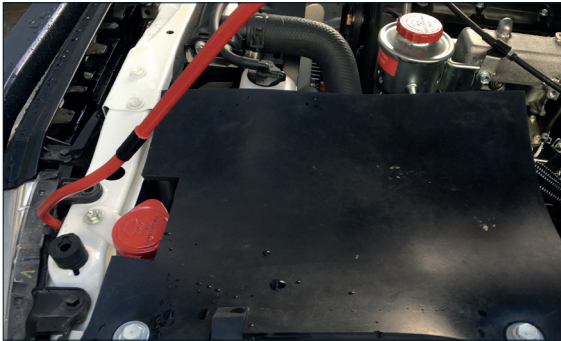
- Box windows
(standard or sliding windows)



- Safety belts (standard, airplane model, or orange option)



- Battery protector



- Reinforced frame



Electrical options

- Additional 12V battery with isolator



- Battery warmer



- Insulated Cable holder on chassis



- Back up Camera 7in. Premium



- Heated Mirrors



- Back up Camera 7in. standard



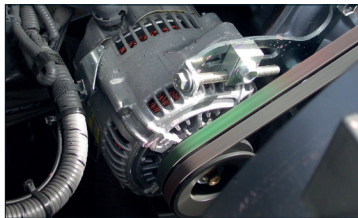
- Fog lights



- Lighted Pole & Flag



- 110 Amp Alternator
for client's accessories



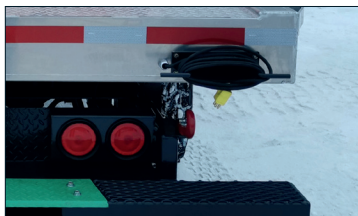
- 12V DC dash output



- Radio/CB installation in vehicle



- Block Heater
outlet at rear of vehicle



- Blinking Front lights with Horn

- Oil pan heater

Safety options ☒

- Murphy Engine Protection



- Protective Floor plates for Cab



- Optional 20 LBS ABC type fire extinguisher with holder



- Automatic Fire Suppression System



- Optional guard for fire suppression system



- Programmable Speed Limiter



- Extended Pressure Switch



- Fuel line isolation valve

Custom paint options ☒



Emissions control ☒

- Gaz Test output & Extension



Strobe light options ☒

- Single – Double – Triple
- Clear – Blue – Ambre – Red – Other
- Horizontal lighting – Vertical lighting – Oblique lighting (45 degrees)
- Plugged on master switch – Directly on Battery – on switch on the battery or directly on a second battery with isolator.



