



Work Order Summary



Work Order: 2200639188 - HYD007 2 Monthly Inspection/Service

| | | | |
|--------------------|---------------------------|---------------------|------------|
| Main Work Centre: | MPLV Light Vehicles | Revision No: | MP23WK49 |
| Planner Group: | M17 Light Vehicle 1 | Start Date: | 09.12.2023 |
| Function location: | CLB-MP-LV01-TRUCKS-HYD007 | Activity Type: | 210 |
| FL Desc: | HYD007 MAN TGA 8X8 Truck | Priority: | 3 |
| Sort Field: | HYD007 | Reservation: | 11692373 |
| Equipment Number: | | Ctr./Meas. Reading: | 17159km |
| Eq Desc: | | | |

Fortescue Message:

Empowerment
Take action and encourage your team

Work Order Long Text:

HYD007 2 Monthly Inspection/Service

** LINE 0010 - 0040 AVAILABLE SATURDAY SHELF. 06.12 CW**

Operation Detail List:

| Op | Description: | Work center: | Start Date: | No. Cap: | Plan Dur: | Act Dur: |
|------|----------------------|--------------|-------------|----------|-----------|----------|
| 0010 | 2 Monthly Inspection | MPLV-FTH | 09.12.2023 | 1 | 2 | 0 |

| Op | Description: | Work center: | Start Date: | No. Cap: | Plan Dur: | Act Dur: |
|------|-------------------|--------------|-------------|----------|-----------|----------|
| 0020 | 2 Monthly Service | MPLV-FTH | 09.12.2023 | 1 | 2 | 0 |

Materials

| Op: | Item: | Material: | Description: | Qty: | UOM: | Withdrawn: | Used Y/N |
|-----------------------------|-------|-----------|--|------|------|------------|----------|
| Recipient: Unloading Point: | | | | | | | |
| 0020 | 0001 | 3165251 | FILTER,FUEL,C/W SEAL HYD007 CB-L/V WORK SHOP | 1 | EA | 1 | |
| 0020 | 0002 | 3183072 | FILTER,FUEL,WATER HYD007 CB-L/V WORK SHOP | 1 | EA | 1 | |
| 0020 | 0003 | 3183259 | FILTER,AIR,ENGINE HYD007 CB-L/V WORK SHOP | 1 | EA | 1 | |
| 0020 | 0004 | 3165252 | FILTER,AIR,CABIN,466X70X183MM HYD007 CB-L/V WORK SHOP | 1 | EA | 1 | |

Materials Purchased

| Op: | Item: | Purchasing Doc: | Description: | Qty: | UOM: | Withdrawn: | Used Y/N |
|-----------------------------|-------|-----------------|---|--------------|------|------------|----------|
| Recipient: Unloading Point: | | | | Part Number: | | | |
| 0020 | 0001 | 4502325232/10 | FILTER,FUEL,C/W SEAL HYD007 CB-L/V WORK SHOP | 1 | EA | 1 | |
| 0020 | 0002 | 4502325232/20 | FILTER,FUEL,WATER HYD007 CB-L/V WORK SHOP | 1 | EA | 1 | |
| 0020 | 0003 | 4502325232/30 | FILTER,AIR,ENGINE HYD007 CB-L/V WORK SHOP | 1 | EA | 1 | |



Work Order Scope



Fortescue

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| FL Desc: | HYD007 MAN TGA 8X8 Truck | Activity Type: | 210 |
| Sort Field: | HYD007 | Priority: | 3 |
| Equipment Number: | | Reservation: | 11692373 |
| Eq Desc: | | Ctr./Meas. Reading: | |

FEEDBACK

| <u>Work Center</u> | <u>Hrs Worked</u> | <u>SAP No:</u> | <u>Name:</u> | <u>Date:</u> |
|--------------------|-------------------|----------------|--------------|--------------|
| | | 620991 | Ruby MARRAN | 9-12-23 |
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COMPLETION CHECKS

| | |
|------------------------------|--------------------------------|
| Completed By: <u>Ruby M.</u> | Date: <u>9-12-23</u> |
| (Print Name) | |
| Supervisor: <u>Da Si</u> | Supervisor: <u>[Signature]</u> |
| (Print Name) | (Signature) |
| | Date: <u>9/12/23</u> |

OPERATIONS (0010)_7jb81 awssaperpapp4 Jayde WILLIAMS 2023-12-09T16:46:43 1.00C

| LIGHT TRUCK SERVICE SHEET | | Date: | 9-12-23 | | |
|--|--|------------------------------|---------------------------------|---------------|-------------------|
| Unit Number: H9D07 | | Odometer: | 17159 km | | |
| Work Order: | | | | | |
| 5000 KM SERVICE | Items 1 to 39 | | | | |
| 20000KM SERVICE | Items 40 to 44 | | | | |
| 50000KM SERVICE | Items 45 to 51 | | | | |
| | | Initial appropriate box | | | |
| Step # | Task | 1 -Defect found and repaired | 2-Defect found, safe to operate | 3- Servicable | 4- Not Applicable |
| | Check for positive isolation before working on vehicle | | | | |
| 1 | Replace engine oil and filter | | | Rm | |
| 2 | Replace fuel filter and drain water trap | | | Rm | |
| 3 | Check air filter and pre cleaner (replace as required) | | | Rm | |
| 4 | Check air intake system for loose clamps and damage to ducting | | | Rm | |
| 5 | Check and adjust fan belts (replace as required) | | | Rm | |
| 6 | Check coolant level,condition and pressure test. (Beware HOT) | | | Rm | |
| 7 | Check condition of radiator, mounts, and for debris build up | | | Rm | |
| 8 | Check power steering fluid level | | | Rm | |
| 9 | Check brake fluid level | | | Rm | |
| 10 | Check clutch fluid level | | | NA | |
| 11 | Check battery level and load test | | | Rm | |
| 12 | Check isolator and and battery clamps are tight | | | Rm | |
| 13 | Check condition of steering linkages and tierod ends | | | Rm | |
| 14 | Check front wheel bearings for play and excessive noise | | | Rm | |
| 15 | Grease all steering components (hand gun only) | | | Rm | |
| 16 | Grease swivel hubs and check for bearing play | | | Rm | |
| 17 | Check front brake pads/linings for wear & adjust | | | Rm | |
| 18 | Check condition of engine mounts | | | Rm | |
| 19 | Check condition of fronts & suspension components | | | Rm | |
| 20 | Check front diff oil level and condition | | | Rm | |
| 21 | Inspect engine & under vehicle for fluid leaks | | | Rm | |
| 22 | Check gearbox,body and tray mounts | | | Rm | |
| 23 | Check gearbox oil level and condition(top up as req) | | | Rm | |
| 24 | Check transfer case oil level & condition(top up as req) | | | Rm | |
| 25 | Check exhaust system for leaks and inspect mounts | | | Rm | |
| 26 | Check tail shaft unijoints for wear | | | Rm | |
| 27 | Grease unijoints with hand grease gun | | | Rm | |
| 28 | Grease all nipples on suspension components | | | Rm | |
| 29 | Check condition of rear suspension components | | | Rm | |
| 30 | Check all brake lines for condition and security | | | Rm | |
| 31 | Check rear diff oil level and condition(top up as req) | | | Rm | |
| 32 | Check rear wheel bearings for play & excessive noise | | | Rm | |
| 33 | Check condition of rear brake linings & adjust | | | Rm | |
| 34 | Check park brake & adjust if required | | | Rm | |
| 35 | Lubricate door check straps,hinges and locking mechanisms | | | Rm | |
| 36 | Check operation of gearshift and 4WD levers | | | Rm | |
| 37 | If Kevrek fitted inspect as per attatched Kevrek sheet | | | NA | |
| 38 | Affix next service due sticker to windscreen | | | Rm | |
| 39 | Vehicle to be returned clean | | | Rm | |
| Document No. CB-01002-CK-UT-0001 Rev 0 | | | | | |



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| Equipment Number: | | Reservation: | 11692373 |
| Eq Desc: | | Ctr./Meas. Reading: | |

FEEDBACK

| <u>Work Center</u> | <u>Hrs Worked</u> | <u>SAP No:</u> | <u>Name:</u> | <u>Date:</u> |
|--------------------|-------------------|----------------|--------------|--------------|
| | | 620991 | RUDY MARSH | 9-12-23 |
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COMPLETION CHECKS

| | | | |
|-------------------------------|-----------------|----------------------------|--------------------|
| Completed By: (Print Name) | <u>RUDY M.</u> | Date: | <u>9-12-23</u> |
| Supervisor: (Print Name) | <u>Det S.H.</u> | Supervisor: (Signature) | <u>[Signature]</u> |
| | | Date: | <u>9/12/23</u> |

| | | |
|--|---|---|
|  | Department Mobile Maintenance | Document Number CB-WI-UT-0038 |
| | Section STANDARD WORK INSTRUCTION | Title Isuzu Servicing |

Isuzu Servicing

1. PURPOSE

The purpose of this Standard Work Instruction is to provide a safe system of work for all personnel required to perform servicing on a Isuzu truck safely and in a consistent manner and to provide a clear step by step process in which the task **MUST** be followed.

This instruction describes what **MUST** be done and how it is to be done. This is a standard work instruction for performing servicing on Isuzu trucks in the light vehicle workshop environment. This SWI is to be used in conjunction with the applicable Inspection sheet

2. DEFINITIONS













- **SHALL, MUST** and **WILL** are mandatory.
- Should is recommended, but not mandatory.

3. SCOPE

This Standard Work Instruction **SHALL** relate to all mine personnel required to service Isuzu trucks. Personnel **SHALL** comply with Fortescue's **LIFE SAVING CHOICES**. This Standard Work Instruction supersedes all previous Standard Work Instructions and Site Notices.


4. LIFE SAVING CHOICES

The twelve choices define the standards that shall be met in our workplace to ensure safe systems of work, and to guide you in making the correct decisions. The choices you make, every single day, are fundamental to creating a safe operation. The non-negotiable choices are:

| LIFE SAVING CHOICES | | | | | |
|---|--|---|---|---|---|
|  | Use fall injury protection when working at height. |  | Secure tools and barricade work areas to prevent dropped objects. |  | Always walk and work outside the footprint of a suspended load. |
|  | Stop at stop signs and rail crossings. |  | Verify isolations before work begins. |  | Confirm stored energy has been controlled before work begins. |
|  | When driving wear a seat belt and obey speed limits. |  | When travelling or working remotely use communication and tracking devices. |  | Only inflate tyres in an approved tyre safety device. |
|  | Maintain 3 metres from track and only work within authorisation limit. |  | Wear a PFD when working above water. |  | Obtain authorisation to enter explosives exclusion zones. |

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| Jess Steel | Kin Crosswell | John Shrives | 15/02/2023 | 15/02/2026 | 4 | |

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|--|---|---|
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| | Section STANDARD WORK INSTRUCTION | Title Isuzu Servicing |

5. AREA

Cloudbreak Light Vehicle Workshop

6. REFERENCES / ASSOCIATED DOCUMENTATION

- [Life Saving Choices](#)
- [Mines Safety and Inspection Act 1994](#)
- [Mines Safety and Inspection Regulations 1995](#)
- [45-PR-SA-0018 Personal Protective Clothing and Equipment](#)
- [100-FR-RK-0004 Job Hazard Analysis](#)
- [CB-PR-SA-1016 Cloudbreak Isolation & Tagging](#)
- [CB-WI-UT-0012 Isolation of vehicles while being maintained on LV hoist.](#)
- Applicable Scheduled PM Inspection Sheet

7. REQUIREMENTS

PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT (PPCE)

Mandatory Minimum Site Standard



JOB SPECIFIC EQUIPMENT


| | | | | | | | |
|-------------|-------------------------------------|-------------------------|-------------------------------------|---------------|-------------------------------------|-------|-------------------------------------|
| Truck Hoist | <input checked="" type="checkbox"/> | Standard hand tool kit. | <input checked="" type="checkbox"/> | Correct parts | <input checked="" type="checkbox"/> | crane | <input checked="" type="checkbox"/> |
| | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> |

WORK PERMIT REQUIREMENTS

| | | | | | |
|--------------------------|--------------------------|--|--------------------------|----------------------|--------------------------|
| Confined Space Entry | <input type="checkbox"/> | Work Box | <input type="checkbox"/> | Work Permit | <input type="checkbox"/> |
| Live Electrical Work | <input type="checkbox"/> | Non Standard Lift. If determined as being required | <input type="checkbox"/> | Master Permit | <input type="checkbox"/> |
| Excavation / Penetration | <input type="checkbox"/> | Work at Height | <input type="checkbox"/> | HV Electrical Permit | <input type="checkbox"/> |
| Hot Work | <input type="checkbox"/> | O/Side Vessel – Platform | <input type="checkbox"/> | Environmental | <input type="checkbox"/> |
| Floor Roof Wall Opening | <input type="checkbox"/> | Power Vicinity / Corridor Access | <input type="checkbox"/> | | <input type="checkbox"/> |

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8.0 JOB STEP AND CONTROL MEASURES

8.1 Create a clear plan of the Task

Control Measures:

- Complete a Take Control before commencing the task to identify any immediate hazards.
- If the task deviates from this SWI a JHA SHALL be completed and approved by the area Supervisor.
- Only personnel who are trained, assessed and authorised SHALL perform this work.
- Review any procedures/SWIs associated with the task.

8.1 Carry out operation tests as per servicing sheet.

- Road test vehicle for any defects
- Check for noise from the CVs
- Ensure A/C is working correctly
- Test for wheel wobble
- Test exhaust brake is operational
- Inspect for defects as per service checklist

Control Measures:

- Use second person for lights, steering and pin checks.
- Drive to conditions
- Use seatbelts

8.2 Work Area Observation

Control Measures:

- Use spotter when bringing vehicle into workshop.
- Position truck in workshop bay where servicing is to be conducted if hoist is not available.
- Work area is clear of unnecessary equipment.
- Machine is isolated as per current isolation and tagging procedure
- Must be passed out to operate hoist.


8.3 Tilt cab.

- Remove the two eye bolts and pin to lower bull bar
- Release cab locking mechanism. Refer manual if unsure of procedure.
- Use 2 people to lift cab. Use correct manual handling technique.
- Ensure cab safety rod is latched in the locked position with the safety pin engaged to stop the cab from falling back down



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8.4 Commence servicing as per work order & inspection sheets.

- Use hoist if available for under vehicle inspection and maintenance.
- Replace engine oil and filters if required as per checklist
- Check driveline oils and inspect for leaks as per checklist
- Grease all grease points as per checklist
- Inspect and adjust all brake shoes and ensure wheel cylinders aren't leaking or seized
- Inspect for wheel bearing and king pin play
- Carry out all other checks required while vehicle raised up
- Lower vehicle **fill engine with correct oil** and top up engine bay fluids
- Carry out all other checks required to complete service as per service checklist

Control Measures:

- Take care of hot oil and coolant while draining these compartments.
- Avoid contact with oils and fuels etc by wearing gloves.
- Potential for spills. Use drain trays, and have spill kit ready in bay.
- Bumping head, burns and cuts. Make sure site standard PPE is worn.
- Dispose of filters in designated filter bins only.
- Use safe step or platform ladder to access high points as required

8.5 Lower cab.

- Remove safety pin and lower cab
- Lock cab into place with locking mechanism
- Lift bull bar fit pin and tighten the two eye bolts in place.

8.6 Test drive truck to make sure all is working as it should be.

Control Measures:


- Operator must have pass out for truck driven.
- Make sure vehicle is spotted out of the workshop.
- Drive to conditions

8.7 Complete inspection and pack up.

Control Measures:

- Clean up work area and maintain housekeeping standards.
- Pack up and store away Portalift hoist.
- Ensure all paper work is completed and handed in to supervisor.

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8.9 Reporting Responsibilities

Incident and Accident Reporting

Control Measures:

- In the event of any Incident, Accident or Near Miss the operator **SHALL** do the following.
- **THE MACHINE OR MACHINES MUST NOT BE MOVED FROM THE INCIDENT OR ACCIDENT SCENE UNDER ANY CIRCUMSTANCES.**
- The Operator **SHALL** contact the Area Supervisor Immediately.
- The Operator **SHALL** inform all immediate people in vicinity of any potential hazards.
- The Operator **MUST** remain with the machine until supervision arrives, but only if it is Safe to do so.
- If the Incident or Accident is deemed an Emergency, the FMG site Emergency procedure **MUST** be followed.


Hazard Reporting

Control Measures:

- If hazards are present remove or isolate them.
- DO NOT put yourself or others in danger.
- If the hazard cannot be removed or isolated, then complete a hazard report and inform your direct Supervisor.


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|  | Department Mobile Maintenance | Document Number CB-WI-UT-0038 |
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Signatures

I have received, read, understood and **WILL** comply with this Standard Work Instruction.

| # | Date | Name | SAP Number | Signature |
|-----|---------|-------------|------------|---|
| 1. | 7-12-23 | RUDY MARAAN | 620991 |  |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |
| 6. | | | | |
| 7. | | | | |
| 8. | | | | |
| 9. | | | | |
| 10. | | | | |
| 11. | | | | |
| 12. | | | | |
| 13. | | | | |
| 14. | | | | |
| 15. | | | | |

Accepting Supervisor

| | | | | |
|----|---------|-----------|--------|---|
| 1. | 9/12/23 | Don Ellis | 506892 |  |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
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CLOUDBREAK ADDITIONAL DAMAGE REPORT

CLOUDBREAK LIGHT VEHICLES DEPARTMENT DAMAGE REPORTING SHEET

This sheet **must** be filled out where damage **OTHER** than fair wear & tear is noted while inspecting or servicing a vehicle. This sheet is to be filled out, with a description of the damage(s) as well as pictures, and then signed and submitted to the LV supervisor on shift.

The LV supervisor will then notify the responsible department's supervisor. The responsible department is to create an incident report in BMS and supply the number to the LV supervisor to record.

Once completed, this sheet will be uploaded as an attachment to the vehicle's function location in SAP, and a copy saved into the file location M:\Mine Services\Maintenance\Maintenance Support\Vehicle Damage with the vehicle fleet ID saved in the file name.

| | |
|---|---|
| Service/Inspection Date: | Vehicle ID: |
| Kilometres / Hours: | Vehicle Make/Model: |
| Department: <small>(department which is responsible for the vehicle)</small> | Contact: <small>(contact details of the department which is responsible for the vehicle)</small> |

Damaged Area

Description of the Damage

| | |
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MOBILE MAINTENANCE – LIGHT VEHICLES

CB-00039-CK-MN-0013

CLOUDBREAK ADDITIONAL DAMAGE REPORT

PREPARED BY

Kim Esbery

CHECKED BY

Neil Amien

APPROVED BY

Graham Howard

Pictures of the Damage

| | |
|--|--|
| | |
| | |
| | |

| BMS Incident Number | Service Completed By | Checked By Supervisor |
|---------------------|----------------------|-----------------------|
| Reporting Person: | Print Name: | Print Name: |
| BMS Number: | Signature: | Signature: |

Rev 0

20/03/2017

PREPARED BY

Kim Esbery

CHECKED BY

Neil Amien

APPROVED BY

Graham Howard



ISUZU TRUCK 4X2 MONTHLY INSPECTION / SERVICE "A"

Date: 9-12-23LV ID Number: HYD07KM: 17159 Km

Department: _____

INITIAL APPROPRIATE BOX

| STEP | TASK | SERVICABLE | DEFECT FOUND AND REPAIRED | NOTIFICATION RAISED |
|------|---|------------|---------------------------|---------------------|
| | Running Checks | | | |
| 1 | Site ID numbers affixed and in good condition | <i>Rm</i> | | |
| 2 | Check Pre-start book for faults | <i>Ra</i> | | |
| 3 | First aid or trauma kit in vehicle | <i>Rm</i> | | |
| 4 | Check condition of cab interior | <i>Ra</i> | | |
| 5 | Service brake operation | <i>Ra</i> | | |
| 6 | Park brake operation | <i>Ra</i> | | |
| 7 | Exhaust brake operation | <i>Ra</i> | | |
| 8 | Operation of all lights | <i>Rm</i> | | |
| 9 | Auto headlights on when engine running | <i>Rm</i> | | |
| 10 | Check operation of beacon | <i>Rm</i> | | |
| 11 | Reverse alarm fitted and operational | <i>Rm</i> | | |
| 12 | Operation of horn | <i>Rm</i> | | |
| 13 | Check operation of speedometer and all gauges | <i>Rm</i> | | |
| 14 | Check operation of air conditioner, blower fan and vent flow | <i>Rm</i> | | |
| 15 | Check condition of windscreen wipers | <i>Rm</i> | | |
| 16 | Check operation of wiper washers | <i>Rm</i> | | |
| 17 | Windscreen and window condition | <i>Rm</i> | | |
| 18 | Mine radio fitted and operational | <i>Rm</i> | | |
| 19 | AM/FM radio operational – If fitted | <i>Rm</i> | | |
| 20 | All mirrors serviceable | <i>Rm</i> | | |
| 21 | Check condition and operation of all seats | <i>Rm</i> | | |
| 22 | Seatbelts fitted and operational | <i>Rm</i> | | |
| 23 | Check condition of pedal rubbers, accelerator pedal function and pivot condition. | <i>Rm</i> | | |
| 24 | Check condition and operation of all doors | <i>Rm</i> | | |

Rev 4

PREPARED BY

Jayde Williams

CHECKED BY

Brandon Udiljak

APPROVED BY

John Shives

14/09/2023

| STEP | TASK | SERVICABLE | DEFECT FOUND AND REPAIRED | NOTIFICATION RAISED |
|-----------------------------------|---|------------|---------------------------|---------------------|
| 25 | Lubricate all door locks and hinges | Rm | | |
| 26 | LV flag fitted and operational | Rm | | |
| 27 | Panel / fender condition | Rm | | |
| 28 | Check fire extinguisher (If fitted) Invert and shake LAST TEST DATE / / | Rm | | |
| 29 | Check tyre condition – Note uneven wear or cuts to all tyres including spare. | Rm | | |
| 30 | Check all wheel rims for damage and nut security - Wheel nut indicators must be fitted. If missing re-torque and fit new nut indicators | Rm | | |
| 31 | Check Tow hitch for damage, wear and security (If fitted) | Rm | SAVED | |
| Service Checks and Repairs | | | | |
| 32 | Check lockable isolator operation and condition, check that it has denso wrapping at the back to protect the terminals | Rm | | |
| 33 | Check battery electrolyte level, battery casing and clamp security (Top up and clean as required) | Rm | | |
| 34 | Top up windscreen washer reservoir | Rm | | |
| 35 | Check coolant level and condition Caution: Coolant maybe hot, Controlled release of stored energy required | Rm | | |
| 36 | Check radiator for security and debris build up | Rm | | |
| 37 | Check Trans cooler for blockage leaks and security – if fitted | Rm | | |
| 38 | Check Trans cooler fans, wiring and switch condition / damage – if fitted | Rm | | |
| 39 | Check and adjust Fan, AC & Alt belts (Replace if required) | Rm | | |
| 40 | Check guards on rotating parts for condition / Security | Rm | | |
| 41 | Check brake and clutch fluid levels if hydraulic | Rm | | |
| 42 | Check power steering oil level | Rm | | |
| 43 | Replace outer air filter | Rm | | |
| 44 | Check air intake system for damage/ clamp security | Rm | | |
| 45 | Replace engine oil and filter Caution: HOT OIL !!! | Rm | NO FILTER SUPPLIED | |
| 46 | Check gearbox / Transmission oil level / Top up | Rm | | |
| 47 | Check differential oil level and condition / Top up | Rm | | |
| 48 | Drain water trap on fuel water separator | Rm | | |
| 49 | Check engine/drivetrain for oil/fluid leaks | Rm | | |
| 50 | Drain air tanks | Rm | | |
| 51 | Check all steering components for excessive movement, wear or damage | Rm | | |

| STEP | TASK | SERVICABLE | DEFECT FOUND AND REPAIRED | NOTIFICATION RAISED |
|------|--|------------|---------------------------|---------------------|
| 52 | Check front wheel bearing free play – Adjust if required | Rm | | |
| 53 | Lubricate all grease points – steering, suspension, driveshaft | Rm | | |
| 54 | Check all brake linings for wear and condition | Rm | | |
| 55 | Adjust brake linings as per manufacturer's instructions – IF UNSURE CONSULT OEM MANUAL AVAILABLE ON 'M' DRIVE | Rm | | |
| 56 | Check all brake lines for damage/deterioration | Rm | | |
| 57 | Check all brake air lines, hoses, boosters for leaks / security (if fitted) | Rm | | |
| 58 | Check and adjust park brake as required | Rm | | |
| 59 | Check condition of drive shafts and universal joints | Rm | | |
| 60 | Check front suspension condition/security | Rm | | |
| 61 | Check rear suspension condition/security | Rm | | |
| 62 | Check engine and gearbox mounts condition | Rm | | |
| 63 | Check exhaust system condition/leaks | Rm | | |
| 64 | Check underside of vehicle for damage | Rm | | |
| | Module checks | | | |
| 65 | Check cabinet door for operation and security. | Rm | | |
| 66 | Check bulk grease tank for leaks and security. | | | |
| 67 | Check sight glasses on tanks are readable and free of leaks. | | | |
| 68 | Check all components in cabinet for leaks and signs of deterioration. | | | |
| 69 | Inspect the integrity of the burst sleeving on the high-pressure grease lines and hand piece | | | |
| 70 | Check condition of all oil and grease pumps. | | | |
| 71 | Check operation of all hose reels and hoses. | | | |
| 72 | Check all fittings on filling banks are serviceable. | | | |
| 73 | Check operation of hydraulic fuel reel and valve. If fitted? | | | |
| 74 | Check PTO hydraulic oil level is correct and check system for leaks | | | |
| 75 | Check compressor hour meter is operational when compressor is running and record hour reading | | | |
| 76 | Carry out a test drive of Vehicle | Rm | | |



Work Order Summary



Work Order: 2200649660 - LV1408 Inspection

| | | | |
|--------------------|------------------------------------|---------------------|------------|
| Main Work Centre: | MPLV Light Vehicles | Revision No: | MP23WK49 |
| Planner Group: | M17 Light Vehicle 1 | Start Date: | 09.12.2023 |
| Function location: | CLB-MP-LV01-LVEHCL-LV1408 | | |
| FL Desc: | LV1408 Toyota Landcruiser Dual Cab | Activity Type: | 213 |
| Sort Field: | LV1408 | Priority: | 4 |
| Equipment Number: | | Reservation: | 11709582 |
| Eq Desc: | | Ctr./Meas. Reading: | |

Fortescue Message:

Plan Your Tasks

Use Take Control/JHA and Mentally Switch On

Operation Detail List:

| Op | Description: | Work center: | Start Date: | No. Cap: | Plan Dur: | Act Dur: |
|------|----------------------------------|--------------|-------------|----------|-----------|----------|
| 0010 | Toyota Landcruiser 2M Inspection | MPLV-FTL | 09.12.2023 | 1 | 0 | 0 |



Work Order Summary



Work Order: 2200649660 - LV1408 Inspection

| | | | |
|--------------------|------------------------------------|---------------------|------------|
| Main Work Centre: | MPLV Light Vehicles | Revision No: | MP23WK49 |
| Planner Group: | M17 Light Vehicle 1 | Start Date: | 09.12.2023 |
| Function location: | CLB-MP-LV01-LVEHCL-LV1408 | Activity Type: | 213 |
| FL Desc: | LV1408 Toyota Landcruiser Dual Cab | Priority: | 4 |
| Sort Field: | LV1408 | Reservation: | 11709582 |
| Equipment Number: | | Ctr./Meas. Reading: | |
| Eq Desc: | | | |

FEEDBACK

Action (What you did):

Damage (What you found):

Cause (Why it happened):


MOBILE MAINTENANCE SIGN OFF SHEET

Signatures

I have received, read, understood and **WILL** comply with this Standard Work Instruction.

| # | Date | Name | SAP Number | Signature |
|-----|---------|--------------|------------|---|
| 1. | 9.12.23 | Mr. Steven H | 510745 |  |
| 2. | | | | |
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Accepting Supervisor

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|----|---------|--------|--------|---|
| 1. | 9/12/23 | Re Sir | 506897 |  |
| 2. | | | | |
| 3. | | | | |
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Issue Date:

Prepared by:

Reviewed by:

Approved by:

13/10/2022

Monique Quaziz


Sam Venn

Joseph Roso

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Rev 0

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| | | |
|--|---|--|
|  | Department MOBILE MAINTENANCE | Document Number CB-WI-UT-0012 |
| | Section SAFE WORK INSTRUCTION | Title Simple Isolation of Light Vehicles on LV Hoist |

Simple Isolation of Light Vehicles on LV Hoist

- PURPOSE**

- The purpose of this Standard Work Instruction is to provide a safe system of work for all personnel required to isolate a light vehicle on light vehicle hoist, safely and in a consistent manner and to provide a clear step by step process in which the task **MUST** be followed.

- SCOPE**

This Safe Work Instruction shall relate to all personnel who are required isolate a light vehicle on Light Vehicle hoist. Personnel shall comply with Fortescue's LIFE SAVING CHOICES. This Safe Work Instruction supersedes all previous Safe and Standard Work Instructions and Site Notices.

- DEFINITIONS**

SHALL, MUST and WILL are mandatory

Should is recommended, but not mandatory

- AREA**

Cloudbreak Mine

- REQUIREMENTS**

PERSONAL PROTECTIVE EQUIPMENT (PPE)


| | | | | | | |
|---|---|---|---|--|---|--|
|  |  |  |  |  |  | |
|---|---|---|---|--|---|--|

WORK CERTIFICATES / PERMIT REQUIREMENTS

| | | | | | |
|--------------------------|--------------------------|----------------------------------|--------------------------|---------------------------|--------------------------|
| Confined Space Entry | <input type="checkbox"/> | Work Box | <input type="checkbox"/> | Work Permit | <input type="checkbox"/> |
| Live Electrical Work | <input type="checkbox"/> | Non Standard Lift | <input type="checkbox"/> | Master Permit | <input type="checkbox"/> |
| Excavation / Penetration | <input type="checkbox"/> | Work at Height | <input type="checkbox"/> | HV Electrical Certificate | <input type="checkbox"/> |
| Hot Work | <input type="checkbox"/> | O/Side Vessel – Platform | <input type="checkbox"/> | Environmental | <input type="checkbox"/> |
| Floor Roof Wall Opening | <input type="checkbox"/> | Power Vicinity / Corridor Access | <input type="checkbox"/> | Driving / Pit Permit | <input type="checkbox"/> |

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| Document Number & Title ****Simple Isolation of Light vehicles on lv hoist**** | | | | | | | |

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|--|---|--|
|  | Department MOBILE MAINTENANCE | Document Number CB-WI-UT-0012 |
| | Section SAFE WORK INSTRUCTION | Title Simple Isolation of Light Vehicles on LV Hoist |













| JOB SPECIFIC RESOURCES | | | | | | | |
|------------------------|--------------------------|-----------------------|--------------------------|-----------------|--------------------------|---------------|--------------------------|
| Green Banded Cones | <input type="checkbox"/> | Sentry & Sentry Board | <input type="checkbox"/> | Fire Blankets | <input type="checkbox"/> | Wheel Chocks | <input type="checkbox"/> |
| Drinking Water | <input type="checkbox"/> | Running Water | <input type="checkbox"/> | Voltage Reducer | <input type="checkbox"/> | Extinguishers | <input type="checkbox"/> |
| Warning Signs | <input type="checkbox"/> | Fire Watch | <input type="checkbox"/> | Radio | <input type="checkbox"/> | First Aid Kit | <input type="checkbox"/> |

DESCRIPTION OF WORK

This procedure outlines the steps to safely isolate light vehicles on LV hoist.


LIFE SAVING CHOICES

The twelve choices define the standards that shall be met in our workplace to ensure safe systems of work, and to guide you in making the correct decisions. The choices you make, every single day, are fundamental to creating a safe operation. The non-negotiable choices are:



| LIFE SAVING CHOICES | | | |
|---|--|---|---|
|  | Use fall injury protection when working at height. |  | Secure tools and barricade work areas to prevent dropped objects. |
|  | Stop at stop signs and rail crossings. |  | Verify isolations before work begins. |
|  | When driving wear a seat belt and obey speed limits. |  | When travelling or working remotely use communication and tracking devices. |
|  | Maintain 3 metres from track and only work within authorisation limit. |  | Wear a PFD when working above water. |
| | |  | Obtain authorisation to enter explosives exclusion zones. |
| | |  | Only inflate tyres in an approved tyre safety device. |
| | |  | Confirm stored energy has been controlled before work begins. |
| | |  | Always walk and work outside the footprint of a suspended load. |

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|  | Department MOBILE MAINTENANCE | Document Number CB-WI-UT-0012 |
| | Section SAFE WORK INSTRUCTION | Title Simple Isolation of Light Vehicles on LV Hoist |

• **JOB STEP AND CONTROL METHODS**

| No. 1 | Create a clear plan of the task | | |
|-------|---|--|---|
| | Hazards | Controls | Image or Diagram |
| | <ul style="list-style-type: none"> The task may move away from the intended scope of work. Other hazards may exist in the surroundings at the work area. Risks from others working in close proximity. Unfamiliarity with area and task activity. | <ul style="list-style-type: none"> Undertake a Take Control before undertaking the task to identify any immediate hazards. Review any procedures / SWI associated with the task. If task deviates from SWI a JHA SHALL be completed and approved by the area Supervisor. Where required when working in proximity of others, communicate your arrival. Only personnel who are trained, assessed and authorised shall operate the vehicle. |   |


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| No. 2 | Drive light vehicle into workshop onto hoist | | |
|----------|---|--|--|
| | Hazards | Controls | Image or Diagram |
| | <ul style="list-style-type: none"> Vehicles entering / exiting the workshop expose personnel to potential injury. Driving onto hoist without a second person to guide (spot) can result in equipment damage and or injury to personnel. Vehicle must be positioned centrally on hoist. There are 3 main types of Light vehicle hoists in the LV workshop that you must be familiar with to ensure vehicle TARE weight (plus weight of oils in module) does not exceed the hoist limit. If unsure personnel must notify supervisor. Scania G410 Service truck – 35,500kg With all oil tanks full. Excludes bulk fuel. | <ul style="list-style-type: none"> All Light Vehicles require spotting in and out of the workshop. A second person is to use clear hand signals when directing operator as per light vehicle spotting procedure. RAV4501L hoist must not exceed SWL 5000kg STENHOJ hoist must not exceed SWL 8000kg STERTIL-KONI hoist must not exceed SWL 7250kg per column <ul style="list-style-type: none"> 4 posts 29,000kg 6 posts 43,500kg |      |


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| | Section SAFE WORK INSTRUCTION | Title Simple Isolation of Light Vehicles on LV Hoist |


| No.03 | Park vehicle and carry out Simple Isolation | | |
|-------|---|---|--|
| | Hazards | Controls | Image or Diagram |
| | <ul style="list-style-type: none"> Vehicles parked when left fundamentally UNSTABLE can cause equipment damage and or injury to personnel. Working on vehicles un-isolated exposes personnel to uncontrolled vehicle energy (electrical, mechanical) Working under a raised hoist can expose personnel to potential crush injuries should the hoist fail. | <ul style="list-style-type: none"> Operator must apply handbrake and leave vehicle in gear to put wheel chocks in place. Once vehicle has wheel chocks in place the operator can then leave the vehicle out of gear with park brake released. Refer to Fortescue Isolation and tagging procedure (100-PR-SA-1028) carry out simple Isolation. Whenever a vehicle is on the hoist, the hoist needs to be isolated regardless of the level of the platform (when it is on the ground) as per isolation procedure 100-PR-SA-1028. The hoist may only be un-isolated for operation. |    |

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|  | Department MOBILE MAINTENANCE | Document Number CB-WI-UT-0012 |
| | Section SAFE WORK INSTRUCTION | Title Simple Isolation of Light Vehicles on LV Hoist |


| No. 7 | Hazard Reporting | | |
|-------|--|--|--|
| | Hazards | Controls | Image or Diagram |
| | <ul style="list-style-type: none"> Hazards not communicated to Supervisors for rectification can lead to putting yourself and others in danger. | <ul style="list-style-type: none"> If any hazard/s were identified during this task either remove the hazard/s or isolate the Hazard/s. Complete a hazard report in BMS. If the SWI is not valid – by not valid meaning the SWI contains incorrect information report to supervisor for “simple change management” immediately. |  |

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|  | Department MOBILE MAINTENANCE | Document Number CB-WI-UT-0012 |
| | Section SAFE WORK INSTRUCTION | Title Simple Isolation of Light Vehicles on LV Hoist |

Signatures

I have received, read, understood and WILL comply with this Standard Work Instruction.

| # | Date | Name | SAP Number | Signature |
|-----|---------|-------------|------------|---|
| 1. | 9.12.23 | M. SHANAHAN | 570145 |  |
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Accepting Supervisor

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| 1. | 9/12/23 | Det St | 506892 |  |
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CLOUDBREAK ADDITIONAL DAMAGE REPORT

CLOUDBREAK LIGHT VEHICLES DEPARTMENT DAMAGE REPORTING SHEET

This sheet **must** be filled out where damage **OTHER** than fair wear & tear is noted while inspecting or servicing a vehicle. This sheet is to be filled out, with a description of the damage(s) as well as pictures, and then signed and submitted to the LV supervisor on shift.

The LV supervisor will then notify the responsible department's supervisor. The responsible department is to create an incident report in BMS and supply the number to the LV supervisor to record.

Once completed, this sheet will be uploaded as an attachment to the vehicle's function location in SAP, and a copy saved into the file location M:\Mine Services\Maintenance\Maintenance Support\Vehicle Damage with the vehicle fleet ID saved in the file name.

| | |
|---|---|
| Service/Inspection Date: | Vehicle ID: |
| Kilometres / Hours: | Vehicle Make/Model: |
| Department: <small>(department which is responsible for the vehicle)</small> | Contact: <small>(contact details of the department which is responsible for the vehicle)</small> |

Damaged Area

Description of the Damage

| | |
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Rev 0

20/03/2017

100-TE-DC-0022_0

PREPARED BY

Kim Esbrey

CHECKED BY

Neil Amien

APPROVED BY

Graham Howard



MOBILE MAINTENANCE – LIGHT VEHICLES

CB-00039-CK-MN-0013

CLOUDBREAK ADDITIONAL DAMAGE REPORT

PREPARED BY

Kim Esbrey

CHECKED BY

Neil Amien

APPROVED BY

Graham Howard

Pictures of the Damage

| | |
|--|--|
| | |
| | |
| | |

BMS Incident Number

Service Completed By

Checked By Supervisor

Reporting Person:

Print Name:

Print Name:

BMS Number:

Signature:

Signature:

Rev 0

20/03/2017

PREPARED BY

Kim Esbrey

CHECKED BY

Neil Amien

APPROVED BY

Graham Howard



Operation of RAV4501L 4 Post Hoist



PURPOSE

The purpose of this Safe Work Instruction is to provide a safe system of work for all personnel required to carry out this task. This instruction describes what must be done and how it is to be done.

SCOPE

This Safe Work Instruction shall relate to all personnel who are required to operate the RAV4501L 4 post hoist. Personnel shall comply with Fortescue's LIFE SAVING CHOICES. This Safe Work Instruction supersedes all previous Safe and Standard Work Instructions and Site Notices.

DEFINITIONS

SHALL, MUST and **WILL** are mandatory

Should is recommended, but not mandatory

AREA


Mobile Maintenance - Cloudbreak Mine

REFERENCES / ASSOCIATED DOCUMENTATION







- [100-PR-SA-1028 Isolation & Tagging](#)
- [100-PR-SA-0039 Personal Protective Clothing and Equipment](#)
- [45-PR-SA-RK-0001 SWI](#)
- [100-FR-RK-0004 Job Hazard Analysis](#)
- [100-PR-SA-1034 Physical Separation Barricading](#)
- [Mines Safety and Inspections Act 1994](#)
- [Mines Safety and Inspection Regulations 1995](#)
- [Applicable Scheduled PM inspection sheet](#)
- [Hoist prestart booklet](#)

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|--|---|---|
|  | Department MOBILE MAINTENANCE | Document Number CB-01039-WI-ME-0003 |
| | Section SAFE WORK INSTRUCTION | Title Operation of a RAV4501L 4 Post Hoist |

• REQUIREMENTS













| PERSONAL PROTECTIVE EQUIPMENT (PPE) | | | | | | | |
|---|---|---|---|--|---|---------------|-------------------------------------|
|  |  |  |  |  |  | | |
| WORK CERTIFICATES / PERMIT REQUIREMENTS | | | | | | | |
| Confined Space Entry | <input type="checkbox"/> | Work Box | <input type="checkbox"/> | Work Permit | <input type="checkbox"/> | | |
| Live Electrical Work | <input type="checkbox"/> | Non-Standard Lift | <input type="checkbox"/> | Master Permit | <input type="checkbox"/> | | |
| Excavation / Penetration | <input type="checkbox"/> | Work at Height | <input type="checkbox"/> | HV Electrical Certificate | <input type="checkbox"/> | | |
| Hot Work | <input type="checkbox"/> | O/Side Vessel – Platform | <input type="checkbox"/> | Environmental | <input type="checkbox"/> | | |
| Floor Roof Wall Opening | <input type="checkbox"/> | Power Vicinity / Corridor Access | <input type="checkbox"/> | Driving / Pit Permit | <input type="checkbox"/> | | |
| JOB SPECIFIC RESOURCES | | | | | | | |
| Green Banded Cones | <input type="checkbox"/> | Sentry & Sentry Board | <input type="checkbox"/> | Fire Blankets | <input type="checkbox"/> | Wheel Chocks | <input checked="" type="checkbox"/> |
| Drinking Water | <input type="checkbox"/> | Running Water | <input type="checkbox"/> | Voltage Reducer | <input type="checkbox"/> | Extinguishers | <input type="checkbox"/> |
| Warning Signs | <input type="checkbox"/> | Fire Watch | <input type="checkbox"/> | Radio | <input type="checkbox"/> | First Aid Kit | <input type="checkbox"/> |

• DESCRIPTION OF WORK

This procedure outlines the steps to safely operate a RAV4501L 4 post hoist.

• LIFE SAVING CHOICES

The twelve choices define the standards that shall be met in our workplace to ensure safe systems of work, and to guide you in making the correct decisions. The choices you make, every single day, are fundamental to creating a safe operation. The non-negotiable choices are:


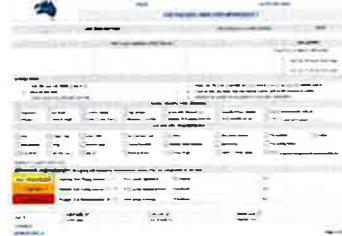
| LIFE SAVING CHOICES | | |
|---|---|---|
|  Use fall injury protection when working at height. |  Secure tools and barricade work areas to prevent dropped objects. |  Always walk and work outside the footprint of a suspended load. |
|  Stop at stop signs and rail crossings. |  Verify isolations before work begins. |  Confirm stored energy has been controlled before work begins. |
|  When driving wear a seat belt and obey speed limits. |  When travelling or working remotely use communication and tracking devices. |  Only inflate tyres in an approved tyre safety device. |
|  Maintain 3 metres from track and only work within authorisation limit. |  Wear a PFD when working above water. |  Obtain authorisation to enter explosives exclusion zones. |



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JOB STEP AND CONTROL METHODS





| No. 1 | Create a clear plan of the task | | |
|-------|---|---|--|
| | Hazards | Controls | Image or Diagram |
| | <ul style="list-style-type: none"> The task may move away from the intended scope of work. Other hazards may exist in the surroundings at the work area. Risks from others working in close proximity. Unfamiliarity with area and task activity. | <ul style="list-style-type: none"> Undertake a Take Control before undertaking the task to identify any immediate hazards. Review any procedures / SWI associated with the task. If the task deviates from this SWI a JHA SHALL be completed and approved by the area Supervisor Where required when working in proximity of others, communicate your arrival. |   |

| No. 2 | Inspect / Prestart Hoist | | |
|-------|--|--|---|
| | Hazards | Controls | Image or Diagram |
| | <ul style="list-style-type: none"> Hoists with poor maintenance are exposed to component failure, which can lead to personnel being injured. Overloading hoist will structurally damage the integrity of the hoist and result in equipment damage. | <ul style="list-style-type: none"> Ensure pre-start is completed on hoist and log book filled in. Any damage or faults must be reported to supervisor for immediate action and notification raised. Vehicle GVM must not exceed rated capacity of 5000kg. |   |

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| No. 3 | Drive vehicle onto hoist and isolate | | |
|-------|---|--|--|
| | Hazards | Controls | Image or Diagram |
| | <ul style="list-style-type: none"> Bottom of the vehicle could be caught up on the jacking extension damage equipment Driving vehicle onto hoist without a spotter in place exposes the risk of misalignment leading to equipment damage / personnel injury Exiting the vehicle without being fundamentally stable exposes personnel to uncontrolled vehicle movement causing injury / damage. Vehicle could be operated by other personnel allowing unwanted or unknown movement of vehicle, causing crush or entanglement | <ul style="list-style-type: none"> Before driving onto the hoist make sure the jack extensions have been removed. Drive vehicle on to hoist, using spotter. Ensure clear communication (hand signals) and locate the vehicle centrally on the hoist. Apply handbrake, then apply wheel chocks to vehicle. Handbrake may then be released/de-adjusted so wheels can be turned when raised off of the base platform. Vehicle is to be isolated as per <i>100-PR-SA-1028</i> Cloudbreak Isolation & Tagging and <i>CB-WI-UT-0012</i> -Isolation of vehicle on LV hoist (if it is to be worked on). |     |

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| 7 | Issued for Use | Richard Milway | Kim Crosswell | John Shrives | 13/02/2026 | 13/02/2023 | 4 of 10 |


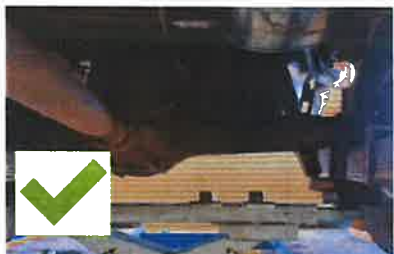





| No. 4 | Raise hoist to work position | | |
|-------|---|--|---|
| | Hazards | Controls | Image or Diagram |
| | <ul style="list-style-type: none">Personnel within work area while hoist is being raised.Hoist platform could Raise unevenly. Uneven loading could damage hoist. Vehicle could fall from hoistHoist left un-isolated exposes the potential for personnel to operate while task is taking place. | <ul style="list-style-type: none">Clear communication and control of the work area is required at all times.Push the top 'UP' button to lift the vehicle to the desired height.Ensure hoist raises evenly and platform stays level. If platform fails to raise evenly STOP IMMEDIATELY and re assess.Once hoist at desired height, press and hold the 'Lock' button until hoist is supported evenly on all four postsEnsure hoist lowers evenly and all four corners lock at the same heightIf hoist does not appear level raise the hoist again and resetttle until all four corners are at the same height.Whenever a vehicle is on the hoist, the hoist needs to be isolated regardless of the level of the platform as per isolation procedure 100-PR-SA-1028. The hoist may only be un-isolated for operation. Once set at desired height hoist is to be locked out and test tried as per CB-WI-UT-0012 - Isolation of vehicle on LV hoist. |   |

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| No. 5 | Use of Jacking Platforms | | |
|-------|--|--|--|
| | Hazards | Controls | Image or Diagram |
| | <ul style="list-style-type: none"> Manual handling jacking platforms can cause muscle strains and sprains. Lifting vehicles with jacking pads can cause equipment damage if done incorrectly. Incorrectly placed jack can cause uncontrolled movement and equipment damage. Hoist rising unevenly can cause equipment damage if not corrected. Jacking in incorrect locations could cause unwanted movement of vehicle or damage to vehicle and equipment. Vehicle jack could fail causing unwanted movement and potential crush injuries and vehicle damage Raising or lowering the jack can expose you to pinch points from the mechanism. Hands could be crushed If jack locking mechanism is not engaged correctly and jack fails it could result in uncontrolled vehicle movement/ release of energy. | <ul style="list-style-type: none"> Use caution when positioning jacking platform. If platform is jammed or stuck, stop and reassess before using bodily force to move. Position the pad of the jack under an approved jacking point on the vehicle. Ensure the jacking pad has adequate support and is not unevenly loaded or damaged Do not use jacking extension plates unless risk assessed, and manufacture approved Engage the pneumatic switch to raise the jacking platform ensuring jacking pads contact approved jacking locations Ensure vehicle raises evenly Engage jack platform locking mechanism into place and lower jacking platform down onto lock. |      |

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- Raising or lowering the jack can expose you to pinch points from the mechanism. Hands could be crushed.
- Be aware of Crush hazard well lowering the jacking platform.

- To lower jack platform, raise it off locks and twist locking mechanism clockwise and then engage the pneumatic switch to lower.
- Keep hands clear of moving components while jack is in operation.



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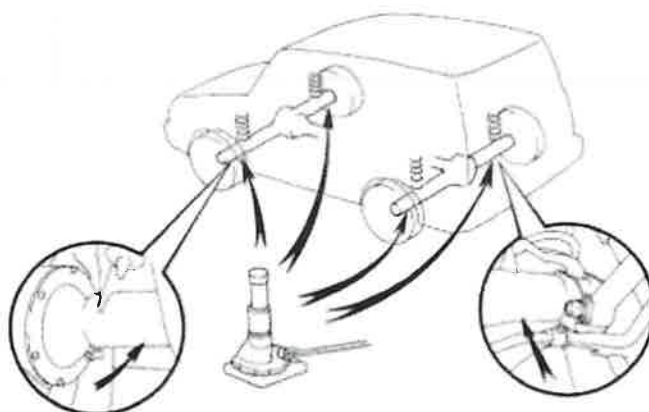
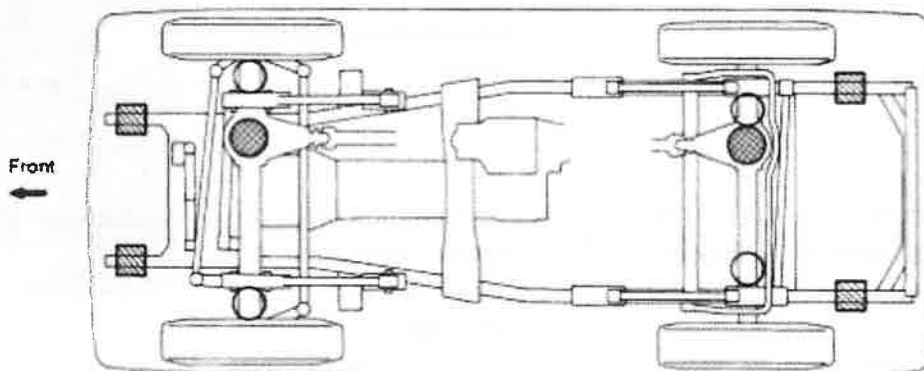
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IN-8

INTRODUCTION REPAIR INSTRUCTIONS

VEHICLE LIFT AND SUPPORT LOCATIONS



JACK POSITION

Front Under front differential
Rear Under rear differential

SCREW TYPE JACK POSITION

SUPPORT POSITION

Safety stand



1996 LAND CRUISER (RM451U)

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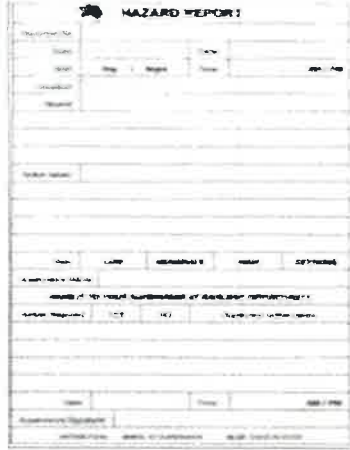


| No. 6 | Lowering hoist | | |
|-------|--|---|------------------|
| | Hazards | Controls | Image or Diagram |
| | <ul style="list-style-type: none"> Personnel within work area while hoist is being lowered are exposed to potential injury if area is not controlled. Hoist lowering unevenly can cause equipment damage or potential crush if not corrected. Hoist can contact tooling when lowered causing equipment damage Hoist locks can fail to release. Vehicle could fall from hoist. Personal could be crushed and equipment could be damaged Uncontrolled vehicle movement once vehicle is lowered Uncontrolled movement of wheel chocks Vehicle interaction and equipment damage | <ul style="list-style-type: none"> Clear communication and control of the work area is required at all times. Conduct a walk around of hoist prior to lowering to ensure hoist will not contact anything when lowering To lower hoist first raise hoist off the locks slightly then press and hold down button on hoist and continually monitor while lowering to ensure all 4 corners are lowering evenly If any corner fails to lower at same rate, STOP immediately raise hoist again, reset locks and investigate Ensure hoist not left unattended at any time whilst un-isolated above ground level Ensure wheel chocks are in place at all times when vehicles wheels are on the deck of the hoist Apply handbrake and remove wheel chocks from vehicle, ensure no tooling or parts are left on Hoist A spotter Must be used when removing the vehicle from the host/workshop | |

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|  | Department MOBILE MAINTENANCE | Document Number CB-01039-WI-ME-0003 |
| | Section SAFE WORK INSTRUCTION | Title Operation of a RAV4501L 4 Post Hoist |


| No. 7 | Hazard Reporting | | |
|-------|--|---|---|
| | Hazards | Controls | Image or Diagram |
| | <ul style="list-style-type: none"> Hazards not communicated to Supervisors for rectification can lead to putting yourself and others in danger. | <ul style="list-style-type: none"> If any hazard/s were identified during this task either remove the hazard/s or isolate the Hazard/s. Complete a hazard report and hand it into your direct supervisor. If the SWI is not valid – by not valid meaning the SWI contains incorrect information report to supervisor for “simple change management” immediately. |  |

Signatures

I have received, read, understood and WILL comply with this Standard Work Instruction.


| # | Date | Name | SAP Number | Signature |
|----|---------|---------|------------|---|
| 1. | 9.12.23 | M. SHAW | 570765 |  |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |
| 6. | | | | |

Accepting Supervisor

| | | | | |
|----|---------|----------------|--------|---|
| 1. | 9/12/23 | Richard Milway | 506892 |  |
| 2. | | | | |
| 3. | | | | |
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|  Fortescue. | MOBILE MAINTENANCE | Document Number CB-WI-UT-0011 |
| | Section STANDARD WORK INSTRUCTION | Title Light Vehicle Service and Inspection |

SWI for Light Vehicle Service and Inspection <5t GVM/18 seats



1. PURPOSE

The purpose of this Standard Work Instruction is to provide a safe system of work for all personnel required to perform monthly inspections and servicing on light vehicles <5t GVM /18 seats safely and in a consistent manner and to provide a clear step by step process in which the task **MUST** be followed.

This instruction describes what **MUST** be done and how it is to be done. This is a standard work instruction for performing monthly inspections and servicing on light vehicles <5t GVM /18 seats in the Light Vehicle workshop environment. This SWI is to be used in conjunction with the applicable Inspection sheet


2. DEFINITIONS

- **SHALL, MUST** and **WILL** are mandatory.
- Should is recommended, but not mandatory.

3. SCOPE













This Standard Work Instruction **SHALL** relate to all Mine personnel required to inspect Light Vehicles <5t GVM /18 seats. Personnel **SHALL** comply with Fortescue's **LIFE SAVING CHOICES**. This Standard Work Instruction supersedes all previous Standard Work Instructions and Site Notices.

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| Kim Crosswell | Jamie Baraldi | John Shives | 03/08/2026 | 03/08/2023 | |
| | | | CB-WI-UT-0011 | Revision No: 6 | |

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| | Section STANDARD WORK INSTRUCTION | Title Light Vehicle Service and Inspection |

4. LIFE SAVING CHOICES

The twelve choices define the standards that **SHALL** be met in our workplace to ensure safe systems of work, and to guide you in making the correct decisions. The choices you make, every single day, are fundamental to creating a safe operation. The non-negotiable choices are:

| LIFE SAVING CHOICES | | | | | |
|--|--|--|---|--|---|
|  | Use fall injury protection when working at height. |  | Secure tools and barricade work areas to prevent dropped objects. |  | Always walk and work outside the footprint of a suspended load. |
|  | Stop at stop signs and rail crossings. |  | Verify isolations before work begins. |  | Confirm stored energy has been controlled before work begins. |
|  | When driving wear a seat belt and obey speed limits. |  | When travelling or working remotely use communication and tracking devices. |  | Only inflate tyres in an approved tyre safety device. |
|  | Maintain 3 metres from track and only work within authorisation limit. |  | Wear a PFD when working above water. |  | Obtain authorisation to enter explosives exclusion zones. |

5. AREA

Cloudbreak Light Vehicle Workshop

6. REFERENCES / ASSOCIATED DOCUMENTATION

- [Life Saving Choices](#)
- [Mines Safety and Inspection Act 1994](#)
- [Mines Safety and Inspection Regulations 1995](#)
- [45-PR-SA-0018 Personal Protective Clothing and Equipment](#)
- [100-FR-RK-0004 Job Hazard Analysis](#)
- [100-PR-SA-1028 Isolation & Tagging](#)
- [CB-WI-UT-0012 Isolation of Vehicles Being Maintained on LV Hoist SWI](#)
- Applicable Scheduled PM Inspection Sheet

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7. REQUIREMENTS

PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT (PPCE)

Mandatory Minimum Site Standard



| WORK PERMIT REQUIREMENTS | | | | | |
|--------------------------|--------------------------|--|--------------------------|----------------------|--------------------------|
| Confined Space Entry | <input type="checkbox"/> | Work Box | <input type="checkbox"/> | Work Permit | <input type="checkbox"/> |
| Live Electrical Work | <input type="checkbox"/> | Non Standard Lift. If determined as being required | <input type="checkbox"/> | Master Permit | <input type="checkbox"/> |
| Excavation / Penetration | <input type="checkbox"/> | Work at Height | <input type="checkbox"/> | HV Electrical Permit | <input type="checkbox"/> |
| Hot Work | <input type="checkbox"/> | O/Side Vessel – Platform | <input type="checkbox"/> | Environmental | <input type="checkbox"/> |
| Floor Roof Wall Opening | <input type="checkbox"/> | Power Vicinity / Corridor Access | <input type="checkbox"/> | | <input type="checkbox"/> |


8. JOB STEP AND CONTROL MEASURES

8.1 Create a clear plan of the Task

Control Measures:

- Complete a **Take Control** before commencing the task to identify any immediate hazards.
- If the task deviates from this SWI a JHA SHALL be completed and approved by the area Supervisor.
- Only personnel who are trained, assessed and authorised SHALL perform this work.
- Review any procedures/SWIs associated with the task.

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8.2 Set up vehicle for service

Control Measures:

- You must be deemed competent on any vehicle prior to operation. Key may not be turned and vehicle may not be isolated by an individual unless they are deemed competent
- Test drive LV to make sure all is working as it should be before starting inspection, i.e. cv's & clutch operation
- Position vehicle in workshop where inspection is to be conducted.
- If using vehicle hoist refer to SWI for hoist in use. All operators to be deemed competent prior to using hoist
- Work area is clear of unnecessary equipment.
- Wheel chocks are in position.
- Vehicle and hoist to be isolated after running checks as per [CB-WI-UT-0012 Isolation of Vehicles Being Maintained on LV Hoist SWI](#) and [100-PR-SA-1028 Isolation & Tagging](#)



8.3 Raise engine hood

Control Measures:


- Make sure engine hood is supported during this process ensuring body parts are kept clear of line of fire and pinch points. Use OEM bonnet support. Report any faults to OEM support and stop task if faults found

8.4 Commence service and inspection as per work order & inspection sheets.

Control Measures:

- Follow service check list for vehicle
- Correct PPE for task
- Stay out of line of fire of hot oils and fluids whilst draining
- Beware of mud hang up falling from chassis / underbody
- Beware pinch points and line of fire.
- Direct force away from body when using tooling and keep fingers and hands safe from Line of fire injuries
- Be aware of hot surfaces and sharp edges

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- When draining engine oil use Toyota SST funnels for Hilux and Prado



Toyota SST funnels

8.5 Remove and replace drive belt and pulleys on Landcruiser 40k service.

- Set vehicle up in suitable location for task to be carried out.
- Use appropriate step / platform to assist with access.
- Ensure correct tooling is used while relieving belt tensioner to remove belt.
- Stay out of line of fire of tooling while removing belt. (get assistance if required)
- Be aware of pinch points from tooling and components.
- Be aware of hand placement while carrying out task.

8.6 Complete inspection and move it out of light vehicle workshop


- Make sure vehicle is spotted out of the workshop.
- Clean up work area and maintain housekeeping standards.

8.7 Test drive LV to make sure all is working as it should be & perform brake test

- You must be deemed competent on any vehicle prior to operation. Key may not be turned and vehicle may not be isolated by an individual unless they are deemed competent
- Drive to condition.

- **8.8 If scope of task changes to encompass task not covered by SWI a JHA for that task must be completed**

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8.9 Reporting Responsibilities

Incident and Accident Reporting

Control Measures:

In the event of any incident, accident or near miss the operator **SHALL** do the following


- **THE MACHINE OR MACHINES MUST NOT BE MOVED FROM THE INCIDENT OR ACCIDENT SCENE UNDER ANY CIRCUMSTANCES.**
- The Operator **SHALL** contact the Area Supervisor Immediately.
- The Operator **SHALL** inform all immediate people in vicinity of any potential hazards.
- The Operator **MUST** remain with the machine until supervision arrives, but only if it is Safe to do so.
- If the Incident or Accident is deemed an Emergency, the FMG site Emergency procedure **MUST** be followed.

9 Hazard Reporting

Control Measures:


- If hazards are present remove or isolate them.
- DO NOT put yourself or others in danger.
- If the hazard cannot be removed or isolated, then complete a hazard report and inform your direct Supervisor.

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| | Section STANDARD WORK INSTRUCTION | Title Light Vehicle Service and Inspection |

Signatures

I have received, read, understood and WILL comply with this Standard Work Instruction.

| # | Date | Name | SAP Number | Signature |
|----|---------|----------------|------------|---|
| 1. | 9-12-23 | W. Steinhilber | 570745 |  |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
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| 6. | | | | |
| 7. | | | | |
| 8. | | | | |

Accepting Supervisor

| | | | | |
|----|---------|---------|--------|---|
| 1. | 9/12/23 | Ant Sil | 506892 |  |
| 2. | | | | |
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| CB-WI-UT-0011 | | | | Revision No: 6 | |



Work Order Scope



Work Order: 2200649660 - LV1408 Inspection

| | | | |
|--------------------|------------------------------------|---------------------|------------|
| Main Work Centre: | MPLV Light Vehicles | Revison No: | MP23WK49 |
| Planner Group: | M17 Light Vehicle 1 | Start Date: | 09.12.2023 |
| Function location: | CLB-MP-LV01-LVEHCL-LV1408 | | |
| FL Desc: | LV1408 Toyota Landcruiser Dual Cab | Activity Type: | 213 |
| Sort Field: | LV1408 | Priority: | 4 |
| Equipment Number: | | Reservation: | 11709582 |
| Eq Desc: | | Ctr./Meas. Reading: | |

Fortescue Message:

Empowerment
Take action and encourage your team

| Operations Detail List: | | | | | | |
|-------------------------|----------------------------------|--------------|-------------|----------|-----------|----------|
| Op | Description: | Work center: | Start Date: | No. Cap: | Plan Dur: | Act Dur: |
| 0010 | Toyota Landcruiser 2M Inspection | MPLV-FTL | 09.12.2023 | 1 | 0 | 0 |



Work Order Scope



Work Order: 2200649660 - LV1408 Inspection

| | | | |
|--------------------|------------------------------------|---------------------|------------|
| Main Work Centre: | MPLV Light Vehicles | Revision No: | MP23WK49 |
| Planner Group: | M17 Light Vehicle 1 | Start Date: | 09.12.2023 |
| Function location: | CLB-MP-LV01-LVEHCL-LV1408 | Activity Type: | 213 |
| FL Desc: | LV1408 Toyota Landcruiser Dual Cab | Priority: | 4 |
| Sort Field: | LV1408 | Reservation: | 11709582 |
| Equipment Number: | | Ctr./Meas. Reading: | 5911 |
| Eq Desc: | | | |

FEEDBACK

| <u>Work Center</u> | <u>Hrs Worked</u> | <u>SAP No:</u> | <u>Name:</u> | <u>Date:</u> |
|--------------------|-------------------|----------------|--------------|--------------|
| | | 5207417 | MCC | 9-12-23 |
| | | | | |
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COMPLETION CHECKS

| | | | |
|---------------|-------------|-------------|----------------|
| Completed By: | <u>M-82</u> | Date: | <u>9-12-23</u> |
| (Print Name) | | | |
| Supervisor: | <u>DT</u> | Supervisor: | <u>SL</u> |
| (Print Name) | | (Signature) | |
| | | Date: | <u>9/12/23</u> |

Light Vehicle Monthly Inspection

CHECKLIST

Date: 9-12-23 Unit Number: LV1408 KM Reading: 5911

| LIFE SAVING CHOICES | | |
|--|---|---|
|  Use fall injury protection when working at height. |  Secure tools and barricade work areas to prevent dropped objects. |  Always walk and work outside the footprint of a suspended load. |
|  Stop at stop signs and rail crossings. |  Verify isolations before work begins. |  Confirm stored energy has been controlled before work begins. |
|  When driving wear a seat belt and obey speed limits. |  When travelling or working remotely use communication and tracking devices. |  Only inflate tyres in an approved tyre safety device. |
|  Maintain 3 metres from track and only work within authorisation limit. |  Wear a PFD when working above water. |  Obtain authorisation to enter explosives exclusion zones. |

| Step | Task | Initial Appropriate Box | | |
|------|---|---------------------------|--------------------------|--------------------------------|
| | | Inspected/ Task completed | Defect found Noti Raised | Defect found unsafe to operate |
| 1. | Check isolator operation and condition | <u>Uet</u> | | |
| 2. | Check prestart book for faults. | <u>Uet</u> | | |
| 3. | Test drive and check for any defects | <u>Uet</u> | | |
| 4. | Check operation of Indicators, brake lights, auto headlights, work lights and beacon. | <u>Uet</u> | | |
| 5. | Check operation of reverse alarm. | <u>Uet</u> | | |
| 6. | Check operation of horn. | <u>Uet</u> | | |
| 7. | Check condition of all seats and seatbelts. | <u>Uet</u> | | |
| 8. | Check park brake operation adjust as required. ensure bell cranks free. | <u>Uet</u> | | |
| 9. | Brake operation & brake test conducted. | <u>Uet</u> | | |
| 10. | Check operation of windscreen wipers and washer. | <u>Uet</u> | | |
| 11. | Check operation of air conditioning and heating. | <u>Uet</u> | | |
| 12. | Check for first aid kit. | <u>Uet</u> | | |
| 13. | Check condition of ROPS if applicable. | <u>Uet</u> | | |
| 14. | Check operation of all doors and latches. | <u>Uet</u> | | |
| 15. | Check general condition of cabin. | <u>Uet</u> | | |
| 16. | Check all glass and mirrors. | <u>Uet</u> | | |
| 17. | Carry out walk around and inspect all panels and bar work. | <u>Uet</u> | | |
| 18. | Check tyre condition. | <u>Uet</u> | | |

Revision 12

PREPARED BY

Kim Crosswell

CHECKED BY

Jamie Baraldi

APPROVED BY

John Shives

Date created


24/11/2023

Revision Date

24/11/2026

Light Vehicle Monthly Inspection

CHECKLIST

| Step | Task | Initial | Appropriate | Box |
|------|---|---------------------------|-----------------------------|-----------------------------------|
| | | Inspected/ Task completed | Defect found Noti Raised | Defect found unsafe to operate |
| 19. | Check towing hitch if applicable. | all | | |
| 20. | Check 4wd operation. | all | | |
| 21. | Check securing bolts for AHS vehicle module mounts | N/A | | |
| |  | | | |
| 22. | Check vehicle ID number and flag. | all | | |
| 23. | Check underneath vehicle for general condition and oil leaks. | all | | |
| 24. | Check chassis and mounts for cracks or missing bolts. | all | | |
| 25. | Check bell housing inspection plug is installed | all | | |
| 26. | Check drive shafts, grease uni joints and slip joints, use hand grease gun only. | all | | |
| 27. | Check condition of steering and suspension components, pins, knuckles linkages etc. | all | | |
| 28. | Check steering components for play / drag link, relay rod – 2 person task | all | | |
| 29. | Check upper and lower ball joints for play | all | | |
| 30. | Re-torque rear U-Bolts to OEM specification. | all | | |
| 31. | Fill swivel hubs with grease. | all | | |
| 32. | Check fuel tank breather is not blocked. | all | | |
| 33. | Check swivel hub mounting studs / nuts for correct tension (96Nm) | all | | |
| 34. | Check wheel bearings for free play, adjust as required. | all | | |
| 35. | Check CV's and boots (Hilux) | N/A | | |
| 36. | Check front and rear brake pads minimum 4mm and discs condition. | all | | |
| 37. | Check all brake flexible lines and piping. | all | | |
| 38. | Check bonnet strut operation and condition of hard wear | all | | |
| 39. | Check all belts, and pulleys for condition and tension. Replace belt as required. | all | | |
| 40. | Check battery, terminals and cables. | all | | |
| 41. | Check battery electrolyte levels, battery casing condition and clamp security (top up / clean as required) Inspect battery breather for blockage. Landcruiser Check that a AGM battery if fitted to vehicle, if not consult supervisor. (SAP # 3170475) | all | | |
| 42. | Check guards on rotating parts are fitted where applicable and in serviceable condition. | all | | |
| 43. | Check all oil levels, and coolant level. | all | | |



Fortescue.

MOBILE MAINTENANCE

CB-00039-CK-MN-0012

Light Vehicle Monthly Inspection CHECKLIST

| | | | | |
|-----|---|-----|--|--|
| 44. | Check engine air cleaner - replace as required. | OK | | |
| 45. | Check general condition of engine bay. | OK | | |
| 46. | Check wheel nut indicators fitted, re-torque wheels and fit if missing. | OK | | |
| 47. | Perform DPF regen burn with G-Scan (Hilux) | N/A | | |
| 48. | Carry out vehicle test drive. | OK | | |

Additional Comments or defects

| | |
|-----------------------------|---------------------------|
| Service Completed By | Supervisor Sign Off |
| Print: <i>Kim Crosswell</i> | Print: <i>John Shives</i> |
| Sign: <i>[Signature]</i> | Sign: <i>[Signature]</i> |

Revision 12

PREPARED BY

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