



INSTALLATION QUALITY & SAFETY

Australian Two-Post Vehicle Hoist Installation Checklist

Document ID	YOKI-HOIST-IC-001	Audience	Competent installers, commissioners and project leads
Version date	1 August 2026	Status	Field use
Important This checklist supports field quality and safety records. It does not replace manufacturer instructions, engineering design, AS 1418.9:2024, AS 2550.9:2024 or local law. Where requirements differ, follow the stricter manufacturer, engineer and regulator requirement. Installation, fixed electrical work, commissioning and repairs must be performed by appropriately competent or licensed persons.			

Project & Hoist Details

Customer		Site	
Address		Project no.	
Make & model		Serial no.	
SWL		Design reg. no.	
Type	☐ Clear-floor ☐ Floor-plate	Install date	
Installer		Lead installer	
Electrician & licence		Commissioned by	

A. Pre-install Documentation & Compliance

#	Inspection item	Result	Notes
1	Confirm model, safe working load, serial number and packing list match.	☐ Pass ☐ Fail ☐ N/A	
2	Latest manufacturer installation, operation and maintenance instructions are available on site.	☐ Pass ☐ Fail ☐ N/A	
3	Verify vehicle-hoist design registration and display requirements for the applicable state or territory.	☐ Pass ☐ Fail ☐ N/A	
4	Complete risk assessment, JSA/SWMS, exclusion zone and assigned responsibilities.	☐ Pass ☐ Fail ☐ N/A	
5	Check installation drawings and confirm clear-floor or floor-plate configuration.	☐ Pass ☐ Fail ☐ N/A	
6	Inspect for transport damage, deformation, missing parts or unapproved substitutions.	☐ Pass ☐ Fail ☐ N/A	
7	Licensed electrician confirms voltage, phase, capacity, isolation and earthing arrangements.	☐ Pass ☐ Fail ☐ N/A	

B. Site, Slab & Clearance

#	Inspection item	Result	Notes
1	Verify slab thickness, strength and condition from manufacturer requirements, construction records or engineer advice.	☐ Pass ☐ Fail ☐ N/A	
2	Scan for embedded services, reinforcement and post-tensioning before drilling.	☐ Pass ☐ Fail ☐ N/A	
3	Anchor zones avoid cracks, joints, drains, slab edges and prohibited locations.	☐ Pass ☐ Fail ☐ N/A	
4	Floor is level and sound; packers or non-shrink grout are used only under an approved method.	☐ Pass ☐ Fail ☐ N/A	



Australian Two-Post Hoist Installation Checklist

YOKI AUTO EQUIPMENT | Version 1.0 | 1 August 2026

#	Inspection item	Result	Notes
5	Confirm clearance to roof, vehicle doors, roller doors, fire systems, lighting and adjacent plant.	☐ Pass ☐ Fail ☐ N/A	
6	Confirm vehicle access, egress, operator position and service access remain clear.	☐ Pass ☐ Fail ☐ N/A	
7	Where slab quality is uncertain, cracked, wet, corroded or uneven, obtain anchor specialist/engineer advice.	☐ Pass ☐ Fail ☐ N/A	

C. Common Two-Post Installation

#	Inspection item	Result	Notes
1	Columns are correctly identified and oriented for power side, secondary side and vehicle direction.	☐ Pass ☐ Fail ☐ N/A	
2	Base plates are fully supported and columns are plumb in both directions.	☐ Pass ☐ Fail ☐ N/A	
3	Anchor type, diameter, embedment, edge distance, drilling, cleaning and installation follow approved instructions.	☐ Pass ☐ Fail ☐ N/A	
4	Anchor installation torque is recorded to anchor and hoist instructions; no generic torque value is used.	☐ Pass ☐ Fail ☐ N/A	
5	Carriages, rollers/sliders, guides and load-bearing components are correctly installed and protected.	☐ Pass ☐ Fail ☐ N/A	
6	Arms, pins, pads and arm restraints are installed and individually tested.	☐ Pass ☐ Fail ☐ N/A	
7	Wire ropes/chains are routed, levelled and tensioned to the diagram, with guards and guides fitted.	☐ Pass ☐ Fail ☐ N/A	
8	Hydraulic power unit, hoses and fittings are secure, without twist, chafing or leakage.	☐ Pass ☐ Fail ☐ N/A	
9	Mechanical locks and release linkage operate together and fully engage on both sides.	☐ Pass ☐ Fail ☐ N/A	
10	All structural fasteners are completed and recorded to the manufacturer sequence and torque requirements.	☐ Pass ☐ Fail ☐ N/A	
11	SWL, warning labels, operating instructions and registration information are legible and visible.	☐ Pass ☐ Fail ☐ N/A	

D. Clear-Floor Overhead Type

Clear-floor only			
Mark this section N/A for floor-plate models.			
#	Inspection item	Result	Notes
1	Overhead beam orientation, height and connections match the approved drawing.	☐ Pass ☐ Fail ☐ N/A	
2	Recheck column plumb, parallelism and base support after fitting the overhead beam.	☐ Pass ☐ Fail ☐ N/A	
3	Overhead ropes, hoses and cables follow the diagram, are guarded and clear of sharp edges and moving parts.	☐ Pass ☐ Fail ☐ N/A	
4	Overhead shut-off bar/limit switch is tested without load and stops upward motion immediately.	☐ Pass ☐ Fail ☐ N/A	
5	Verify roof clearance using maximum permitted lift height and the tallest intended vehicle.	☐ Pass ☐ Fail ☐ N/A	
6	Vehicle doors, tailgates and accessories cannot strike the beam or columns through the lift cycle.	☐ Pass ☐ Fail ☐ N/A	

E. Floor-Plate Type

Floor-plate only			
Mark this section N/A for clear-floor models.			
#	Inspection item	Result	Notes
1	Floor plate/cover is correctly positioned, secure and free of sharp edges or trip hazards.	☐ Pass ☐ Fail ☐ N/A	
2	Ropes, hoses and cables are correctly guided beneath the floor cover without crushing, tight bends or chafing.	☐ Pass ☐ Fail ☐ N/A	
3	Floor-cover area will not retain water, oil or cleaning chemicals that could cause corrosion.	☐ Pass ☐ Fail ☐ N/A	



Australian Two-Post Hoist Installation Checklist

YOKI AUTO EQUIPMENT | Version 1.0 | 1 August 2026

4	Low-clearance vehicles have adequate clearance over the floor plate.	☐ Pass ☐ Fail ☐ N/A	
5	Recheck equaliser adjustment and carriage synchronisation after the floor plate is fitted.	☐ Pass ☐ Fail ☐ N/A	

F. Electrical & Hydraulic

#	Inspection item	Result	Notes
1	Nameplate voltage, phase and frequency match the site supply.	☐ Pass ☐ Fail ☐ N/A	
2	Fixed wiring, isolator, protection and earthing are completed and recorded by a licensed electrician.	☐ Pass ☐ Fail ☐ N/A	
3	Motor rotation and raise/lower, emergency stop and limit controls function as specified.	☐ Pass ☐ Fail ☐ N/A	
4	Hydraulic oil type and level comply with instructions and the system is bled to procedure.	☐ Pass ☐ Fail ☐ N/A	
5	Hoses, fittings, cylinders and power unit show no leakage, chafing or abnormal vibration through full travel.	☐ Pass ☐ Fail ☐ N/A	

G. Commissioning, Testing & Acceptance

#	Inspection item	Result	Notes
1	Complete repeated no-load full-travel cycles; operation is smooth, synchronised and free of abnormal noise.	☐ Pass ☐ Fail ☐ N/A	
2	Both safety locks engage reliably at equal height and support the load on the mechanical locks.	☐ Pass ☐ Fail ☐ N/A	
3	Arm restraints operate correctly after lift-off and release normally at ground level.	☐ Pass ☐ Fail ☐ N/A	
4	Commissioning/load testing is completed to manufacturer acceptance criteria and applicable requirements, with test load recorded.	☐ Pass ☐ Fail ☐ N/A	
5	After load test, inspect anchors, base plates, concrete, columns, ropes/chains and hydraulic system.	☐ Pass ☐ Fail ☐ N/A	
6	Verify emergency lowering/stopping procedure without defeating mechanical safety locks.	☐ Pass ☐ Fail ☐ N/A	

#	Inspection item	Result	Notes
7	Final check of column plumb, carriage height, rope/chain tension and all fasteners.	☐ Pass ☐ Fail ☐ N/A	

H. Customer Handover

#	Inspection item	Result	Notes
1	Provide model-specific training and demonstration to the customer's nominated operators.	☐ Pass ☐ Fail ☐ N/A	
2	Demonstrate vehicle lifting points, centre of gravity, off-centre load risk, initial lift recheck and mechanical locks.	☐ Pass ☐ Fail ☐ N/A	
3	Provide operating/maintenance manual, design registration information, warranty and inspection log.	☐ Pass ☐ Fail ☐ N/A	
4	Capture installation photos: site, anchors, data plate, columns, beam/floor plate, hydraulic/electrical and testing.	☐ Pass ☐ Fail ☐ N/A	
5	Customer confirms defect tag-out, isolation and competent-service contact process.	☐ Pass ☐ Fail ☐ N/A	

Test Record

Test load		Date	
No-load cycles		Load cycles	
Defects		Rectified	☐ Yes ☐ No ☐ N/A
Report no.		Photo record	



Sign-off

Role	Name	Company or licence	Signature	Date

Suggested signatories: lead installer, competent commissioner, licensed electrician and customer representative.

References & Scope

Source	Relevance
AS 1418.9:2024	Cranes, hoists and winches - Part 9: Vehicle hoists. Current design and safety requirements for vehicle hoists.
AS 2550.9:2024	Cranes - Safe use - Part 9: Vehicle hoists. Current safe-use requirements for vehicle hoists.
Workplace Health and Safety Queensland	Vehicle hoist anchor failure (28 Nov 2025): slab compatibility, approved anchors, installation and anchor maintenance.
WorkSafe Western Australia	Safety Alert 02/2018: daily pre-use inspections, competent maintenance, records, approved parts and operator training.
WorkSafe Victoria	Locking mechanisms on two-post vehicle hoists: competent operators, safe procedures and inspection/maintenance records.
SafeWork NSW	Heavy vehicles or trailers hitting or crushing workers: suitable hoists, safe systems of work, training and secondary support where required.
Safe Work Australia	PCBU duties for plant design, supply, installation, commissioning and lifecycle risk management.

Regulatory note

Vehicle-hoist design registration, item registration, inspection and record requirements vary across Australian jurisdictions. Confirm requirements with the local WHS/WorkSafe regulator.

This template does not declare or certify that any specific model complies with Australian Standards. Compliance must be supported by technical documentation, design registration, engineering verification and applicable test records.