

**MT Tasks not included in work weekends early 2025**

These tasks were not thought suitable for the jobs weekends list for one reason or another. It doesn't mean they're not important.

Jobs divided by difficulty and then by priority. Please pick the highest priority you feel able to tackle.

This is not the complete list of jobs. Some must wait until an enabling job on this list is completed.

NB Please do these jobs at any time, not just during work weekends, but you must comply with lone working rules (notice on side door) and you

What	Difficulty class	Priority within class	Who	Materials available	Comments	Progress/completion Please include name and date.
Skylaunch RW add hinge to main lever arm to simplify adjustment for clutch wear	A-Skilled		Restricted group	Y?	Already done on Knox RW. Copy.	
Skylaunch RW Reduce operator lever force	A-Skilled		Restricted group	N	Probably need lighter spring and longer travel spring carrier. Needs planning.	
Move new high power signal lights from barrier to retrieve winches - 1 on each. NB two of these lights is more load than the existing wiring was intended to take and one is plenty bright.	B-Medium/skilled			Y?	Having both on the barrier overloads the wiring and does not give redundancy. Need to make and mount an alignment swivel on each RW and wire in light permanently. Retain existing barrier light connections. Remove light cage from barrier and re-mount the old lights in it so that it becomes an emergency backup, stored under cover.	
Diesel Shogun gearbox replacement	A-Skilled			Y?	Free seized wheels, replace battery, check engine start, check gearbox identical, strip, examine clutch and replace if any doubt, rebuild.	
Add cable counter to each RW	A-Skilled		GD		Intended to help inexperienced RW driver or in poor visibility, but mainly to guard against a double break leaving a length of cable on the field unnoticed.	Prototype ready for test.
Winch roller boxes replacement with metric size OR switch to Dyneema	A-Skilled				Skylaunch have only 2 MW large rollers and 2 catch/pay-on rollers left in imperial size. Mike has some metric roller boxes removed for change to Dyneema. If we stick with steel cable, we can buy those cheap.	
Knox RW engine major overhaul/rebore	A-Skilled				Engine smoking. Leak-down test shows bore leakage on one cylinder. Let it continue to smoke for 2025 season and rebuild engine as soon as season over.	
Skylaunch RW cylinder head refurbish	A-Skilled				Leak-down test shows one valve leaking. Refurbish deferred to Winter 2025-26	
Main winch air conditioning	C-Medium				Lack of continuous running makes vehicle system doubtful as well as expensive. Battery drain high with caravan unit plus inverter. Best solution standard domestic ac driven by generator? It's only needed for a week or two per year, so use portable stand-alone setup.	

