



unu Move

INSPECTION PLAN - ITEM LIST

VERSION: 220902

- The first inspection is due after 500km.
- After the first inspection, an inspection has to be carried out every 12 months. No kilometer-limit applies for the frequency of inspections.
- The brake fluids need to be replaced for the first time during the third inspection and during every second inspection after that.
- No entry has to be made in an inspection checklist. Please provide the customer with proof of inspection in the form of an invoice.

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Version: 220902	Language: EN	Created: August 2022

Preparation		Done
	Make sure the scooter is turned off and main battery outside	

1 Suspension		Done
	1.1 Engage the front suspension by pushing down on the handlebar and check if any squeaking can be heard or if fluid exits the suspension	
	1.2 Engage the rear suspension by pushing down on the rear handhold and check if any squeaking can be heard or if fluid exits the suspension	

2 Steering Head Bearing		Done
	2.1 Check if there is 'play' on steering bearing by moving handlebar front & back	
Preparation		
	2.2 Place a scooter lift or a block of a solid material (i.e. wood, metal) under the swingarm of the scooter to bring the front and rear wheels at least 2 cm off the ground	
	2.3 Take off the front panel and the foot rest before performing the inspection to allow for access to relevant components	
	2.4 With the front wheel in the air, move the steering all the way from one side to another and check that no resting spots are detected	
	2.5 Check if the steering bearing is loose, if yes adjust as per unu Move Repair Manual.	

3 Components		Done
	3.1 With the foot panel opened, check if the scooter's components, connectors and wires are free of damage, cut or any other contamination that could affect scooter's functionality	

4 Front Disc Brake		Done
	4.1 Check brake caliper and guiding pins for smooth movement	
	4.2 Check brake disc for defects or excessive wear	
	4.3 Check front brake hose for any leakage or defects along its entire length	
	4.4 Check if the brake lever returns fully to its original position after pulling it for 2 seconds	
	4.5 Check the front brake fluid level	

5 Rear Disc Brake		Done
	5.1 Check brake caliper and guiding pins for smooth movement	

	5.2	Check brake disc for defects or excessive wear	
	5.3	Check front brake hose for any leakage or defects along its visible length	
	5.4	Check if the brake lever returns fully to its original position after pulling it for 2 seconds	
	5.5	Check the rear brake fluid level	

6 Brake Fluid			Done
	6.1	Beginning with the third inspection, replace the brake fluid on both brakes every two inspections	

7 Wheels, Wheel Bearings & Tires			Done
	Preparation		
	7.1	Front and Rear wheel should be lifted during below testing	
	7.2	Check that front wheel can be moved by hand, cannot be moved sideways and do not show a knocking or grinding noise indicating worn wheel bearings	
	7.3	Check that the nuts on the front axle are tight. Also check for the white marks on critical screws and their alignment. Front axle nut tightening torque is $70\pm 3\text{Nm}$	
	7.4	Check that rear wheel can be moved by hand, cannot be moved sideways and do not show a knocking or grinding noise indicating worn wheel bearings	
	7.5	Remove swing arm panels	
	7.6	Check that the nuts on the rear axle are tight. Also check for the white marks on critical screws and their alignment. The nut on the rear axle should have $35\pm 5\text{Nm}$ each side.	
	7.7	Reassemble swing arm panels back	
	7.8	Check the tires for any visible damage and a minimum tread depth of 1 mm	
	7.9	Check the tire pressure and pump up to 2.5 bar on each wheel if necessary	

8 Seat & Seat Lock			Done
	8.1	Check if the seat lock can be opened with the button on the handlebar and closes when pushing the back of the seat down	
	8.2	Check if the seat is well connected and aligned with the hinge	

9 Side Stand			Done
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	9.1	Check if the side stand operates smoothly when pushing it out or back. Add grease to the pivot point	
	9.2	Check if the side stand switch operates smoothly. Free them of any dirty on their surface	

10 Lights and Signals			Done
	10.1	Turn the scooter on (if it isn't already) and check if the front and rear light is on	
	10.2	Check the indicators on both the left and right side. While doing so, also check that the switch on the handlebar can be moved without need for unusually high force	
	10.3	Check that the display is on and shows the state of charge of the battery	
	10.4	Check that the horn is working. Do not stand too close to or directly in front of the horn	
	10.5	Check that the brake light lights up when pulling either of the two brake handles (test left/right individually) and put side stand up to see the lights functionality	
	10.6	Check the license plate light	
	10.7	Check that the rear reflector is still attached to the rear mudguard	

11 Steering Lock			Done
	11.1	Take the scooter off the lift or solid block under the swingarm and place it on the ground with both wheels	
	11.2	Check that the steering lock engages when pushing the steering all the way to the left, having the side stand flipped out and locking the scooter via key/app	

12 Reassembly & Test Drive			Done
	12.1	Assemble back all components and parts you might have taken off during the inspection	
	12.2	Drive the scooter for 1-2km to test if everything feels normal and safe	

Change documentation

Version	Description of change
220811	<ul style="list-style-type: none"><li data-bbox="443 434 719 461">• Document creation