

Aeon - Aeon_Overland_125_180

Okay, here's the translated and formatted version of the AEON MOTOR CO., LTD motorcycle manual text:

****AEON MOTOR CO., LTD****

****(Placeholder for logos and brand identifiers)****

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****2.****

****1. INFORMATION****

- 1.1 Safety
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- 1.4 Serial number

****(Placeholder for torque valve illustration)****

****1.1 Safety****

****GASOLINE****

Gasoline is extremely flammable and explosive under certain conditions. Do not smoke or allow sparks or flames in your work area.

****CARBON MONOXIDE****

Never run the engine in a closed area. The exhaust contains poisonous carbon monoxide gas that may cause loss of

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consciousness and lead to death.

****BATTERY ELECTROLYTE****

The battery electrolyte contains sulfuric acid. Protect your eyes, skin, and clothing. If you come into contact with the electrolyte, flush the area thoroughly with water. If you get the electrolyte in your eyes, flush with water and contact a doctor immediately.

****HOT PARTS****

Engine and exhaust pipe become very hot and remain hot for one hour after the engine is run. Wear insulated gloves before handling these parts.

****USED ENGINE / GEAR OIL****

Used engine oil and gear oil may cause skin disease after repeated contact with the skin for long periods. Keep out of reach of children.

****1.2 NOTES****

All information, illustrations, directions, and specifications included in this publication are based on the latest product information available at the time of approval for printing.

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****3 1.3 SPECIFICATIONS****

FEATURE	SPECIFICATION
-----	-----
ENGINE	
Type	Air-Cooled 4-Stroke with Oil Cooler
Displacement	169 cc
Bore and Stroke	61 mm x 57.8 mm
Compression Ratio	9.1:1
Maximum Power	6.2 Nm @ 6300 min ⁻¹
Carburetor	MIKUNI 180
Ignition	C.D.I Electronic
Starting	Electrical & Kick-Start
Lubrication	Wet crankcase with lobes pump
Air Cleaner	AE-9
Transmission	Automatic (C.V.T. system)
CHASSIS	
Overall Length	1790 mm
Overall Width	970 mm
Overall Height	1200 mm

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Wheel Base	1050 mm	
Dry Weight	156 kg	
Fuel Tank Capacity	8.0 liter	
SUSPENSION		
Front	Double wishbone	
Rear	Swing Arm	
BRAKES		
Front	Drum	
Rear	Disc	
TIRES		
Front	21 x 7 - 10	
Rear	22 x 10 - 8	

****4 1.4 SERIAL NUMBER****

The frame serial number is stamped on the front frame, and a bar code paper covers it.

The engine number is stamped under the crankcase.

****5 1.5 TORQUE VALUES****

STANDARD	TORQUE VALUE	
-----	-----	
5mm bolt and nut	5 N.m (3.5 lbs.ft)	
6mm bolt and nut	10 N.m (7.2 lbs.ft)	
8mm bolt and nut	22 N.m (16 lbs.ft)	
10mm bolt and nut	35 N.m (25 lbs.ft)	
12mm bolt and nut	55 N.m (40 lbs.ft)	
ENGINE		
Cylinder head nut	28 N.m (20.7 lbs.ft)	
Spark plug	12 N.m (8.9 lbs.ft)	
Cylinder head bolt	20 N.m (14.8 lbs.ft)	
Alternator bolt	8 N.m (5.9 lbs.ft)	
FRAME		
Handlebar upper holder bolt	24 N.m (17.7 lbs.ft)	
Throttle housing cover screw	4 N.m (2.9 lbs.ft)	
Steering shaft nut	50 N.m (36.9 lbs.ft)	
Steering shaft holder bolt	33 N.m (24 lbs.ft)	
Wheel rim bolt	18 N.m (13.3 lbs.ft)	
Tie rod lock nut	35 N.m (25.8 lbs.ft)	
King pin nut	40 N.m (29 lbs.ft)	
Handlebar lower holder nut	40 N.m (29.5 lbs.ft)	
Front wheel bolt	24 N.m (17.7 lbs.ft)	
Front axle nut	60 N.m (44 lbs.ft)	
Front brake arm nut	4 N.m (3.0 lbs.ft)	

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Rear brake arm nut	7 N.m (5.2 lbs.ft)	
Rear axle nut	60 N.m (44.3 lbs.ft)	
Rear wheel bolt	24 N.m (17.7 lbs.ft)	
Exhaust muffler mounting bolt	30 N.m (22.1 lbs.ft)	
Engine hanger bolt	30 N.m (22 lbs.ft)	
Rear axle holder bolt	90 N.m (65 lbs.ft)	
Swingarm pivot nut	90 N.m (65 lbs.ft)	
Rear shock absorber mounting nut	45 N.m (33 lbs.ft)	

6 2. Maintenance

2.1 Maintenance data

2.2 Maintenance schedule

2.3 Fuel tube

2.4 Throttle operation

2.5 Throttle cable adjustment

2.6 Air cleaner

2.7 Spark plug

2.8 Idle speed

2.9 Drive chain

2.10 Brake system

2.11 Wheels and tires

2.12 Steering system

2.13 Toe-in

2.14 Gear oil

2.1 MAINTENANCE DATA

SPECIFICATION	VALUE	
-----	-----	
SPARK PLUG		
Spark plug gap	0.6-0.7mm	
Recommended spark plugs	NGK C7HSA or CR7HSA	
Throttle lever free play:	5-10 mm	
Idle speed	1800 rpm	
Brake lever free play:	10~20 mm	
Drive chain slack	15-25 mm	
Front/rear tire size	21x7-10 / 22x10-8	
Front/rear tire pressure	3±0.3 psi (0.15 kgf/cm2)	
Toe-in	5±10 mm	
TORQUE VALUES		
SPARK PLUG	12-19 N.m	
TIE-ROD LOCK NUT	35-43 N.m	
ENGINE OIL		
Viscosity:	SAE 15W-40	

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| ****GEAR LUBRICATION OIL**** | |
| Viscosity: | SAE 85W-140 |

****7 2.2 MAINTENANCE SCHEDULE****

The maintenance intervals in the follow table is based upon average riding, condition. Riding in usually dusty areas, require more frequent servicing.

Service Item	Initial Service (First 30 hours)	Every 100 hours	Every 200 hours	Every 300 hours
ENGINE OIL	R	R		
GEAR OIL	R	R		
FUEL FILTER			R	
AIR CLEANER FILTER			R	
ENGINE OIL FILTER			C	
CARBURETOR			I	
SPARK PLUG		C		
VALVE GAP			A	
IGNITION TIMING			A	
CHAIN		A		
BATTERY		I		
DRIVE BATTERY			I	
CLUTCH			I	
THROTTLE OPERATE		I		
TIRE PRESSURE	Check before riding each time			
BRAKE SYSTEM	Check before riding each time			
NUTS/BOLTS			T	

A: Adjust C: Clean I: Inspection R: Replace T: Tighten

****8 2.3 FUEL TUBE****

Inspect the fuel lines for deterioration, damage or leakage and replace if necessary.

****2.4 THROTTLE OPERATION****

Inspect for smooth lever operation, full opening and automatic full closing in steering positions.

Inspect for deterioration, damage, cuts and nicks, or kink in the throttle cable, replace it if necessary.

Check the throttle lever, free play should be not more than 5-10 mm at the tip of the throttle lever.

Disconnect the throttle cable at the upper end. Lubricate the cable with commercially lubricant to prevent premature wear.

****9 2.5 THROTTLE CABLE ADJUSTMENT****

Slide the rubber cap of the adjuster off the throttle housing, loosen the lock nut and adjust the free play of the throttle lever by turning the adjuster on the throttle housing. Inspect the free play of the throttle lever.

****2.6 AIR CLEANER MAINTENANCE****

- (1) Loosen the screw and remove the air cleaner from carburetor.
- (2) Disassemble the air cleaner cover and body.
- (3) Remove the air cleaner element and screen.
- (4) Install the new one.
- (5) Assemble the air cleaner body and cover and re-attach to the carburetor with screw.

****Important Notes and Considerations:****

- * ****"MIN-1"**: This almost certainly means "revolutions per minute" or "RPM". So, "6300 min-1" means 6300 RPM.**
- * ****Units Consistency****: The mix of metric (mm, N.m, kg) and imperial (inches, lbs.ft, psi) is common in manuals for products sold in various markets.

This should be a much more usable and readable version of the manual. Let me know if you have any other sections you need translated!