

# CHANGE-KIT-28

## SEGWAY AT10, Fugleman UT10, Villain SX10

### COMPLETE OIL CHANGE KIT INSTRUCTIONS

#### Engine oil change:

- Place the ATV on a level surface and secure it against rolling away.
- Select Neutral, start the engine, let it warm up on idle for cca 5 minutes and turn the engine off.
- Place a suitable container / pan that holds at least 4 liters under the engine.
- Loosen the drain plug at the bottom of the engine. Do not drop the screw into the pan.
- Carefully drain warm oil and allow it to drain completely. **WARNING: OIL CAN BE VERY HOT!**
- Remove the oil filter. The oil filter is located under the plastic cover on the right side of the engine.
- Allow the oil to drain from the engine and filter.
- Wipe away any spilled oil.
- Insert new oil filter into the engine.
- Screw the oil filter cover back on. (Tightening torque is in user manual). Replace the plastic cover.
- Screw the oil drain plug back into the engine.
- Unscrew and remove the oil dip stick – the oil filling point.
- Using a funnel, carefully pour about 3.8 liters (3.3 liters for Villain SX10) of 10W-40 oil into the engine. Avoid overfilling the funnel.
- Put the dip stick on top of the threads, screw it in, pull the dip stick out and check the oil level.
- If the oil level is low, top up the oil.
- If the oil level reaches the upper mark on the dip stick, reinstall the dip stick.
- In general, you should use about 4 liters of oil when changing.
- Clean spilled oil, start the engine and check for oil leaks.
- After cca. 1 minute stop the engine, wait for about 10 seconds, unscrew the oil dip stick again and wipe it with a clean rag. Put the dip stick on top of the threads (screw it in), unscrew the dip stick out and check the oil level.
- The oil level should be between the upper and lower marks.
- If not, add the oil to the correct level by repeating the steps above.
- Once the oil level is correct, screw the dip stick back into the engine and wipe off any oil residues. Congratulations: you have successfully replaced your oil and oil filter!
- Dispose of the used oil ecologically - take your used oil and oil filter in for recycling.

#### Gearbox Oil Change:

- Place the ATV on a level surface and secure it against moving by applying Parking brake.
- Place a suitable pan under the gearbox (behind the engine) to collect the drained oil.
- Remove the oil drain plug and its washer and drain the oil from the transmission case.
- Install the drain plug with the new washer and tighten it.
- Loosen the hose clamp, remove the breather hose and pour 1.5 liters 75W-90 Gear Oil into the hole.
- Install the bleed hose and tighten the hose clamp.

Wipe off any residual oil and check for oil leakage.

## Front Differential Oil Change

- Place the ATV on a level surface and secure it against moving by applying Parking brake.
- Place a suitable pan under the front differential case to collect the drained oil.
- Remove the differential gear oil filler bolt, the differential gear oil drain bolt and their gaskets, and drain the oil from the differential gear case.
- Install the drain plug with its washer and tighten it.
- Pour cca 0.18 liters of Maxima SYNTHETIC GEAR OIL 75W90 oil to the lower edge of the filler hole.
- Check the oil filler bolt gasket for damage and replace it if necessary.
- Install the oil filler bolt including washer and tighten it.
- Check for oil leakage. If oil is leaking, check for the cause.
- Dispose of the used oil ecologically - take your used oil in for recycling.

## Rear Differential Oil Change

- Place the ATV on a level surface and secure it against moving by applying Parking brake.
- Place a drain pan under the differential case to collect the drained oil.
- Remove the final gear oil filler bolt; the final gear oil drain bolt and their gasket to drain the oil from the final gear case.
- Install the drain plug bolt with a washer and tighten it.
- Pour 0.24 liters of Maxima SYNTHETIC GEAR OIL 75W90 oil to the lower edge of the filler hole.
- Check the oil filler bolt gasket for damage and replace it if necessary.
- Install the oil filler bolt including washer and tighten it.
- Check for oil leakage. If oil is leaking, check for the cause.
- Dispose of the used oil ecologically - take your used oil in for recycling.

### CHANGE-KIT-28 includes:

- **4x 1L MAXIMA ATV PREMIUM 10W40 4T Oil**, Part: 33901
- **2x 1L MAXIMA SYNTHETIC GEAR OIL 75W90**, Part: 44901
- **1x OIL FILTER**, Part: F02G00500001
- **Instruction sheet**



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