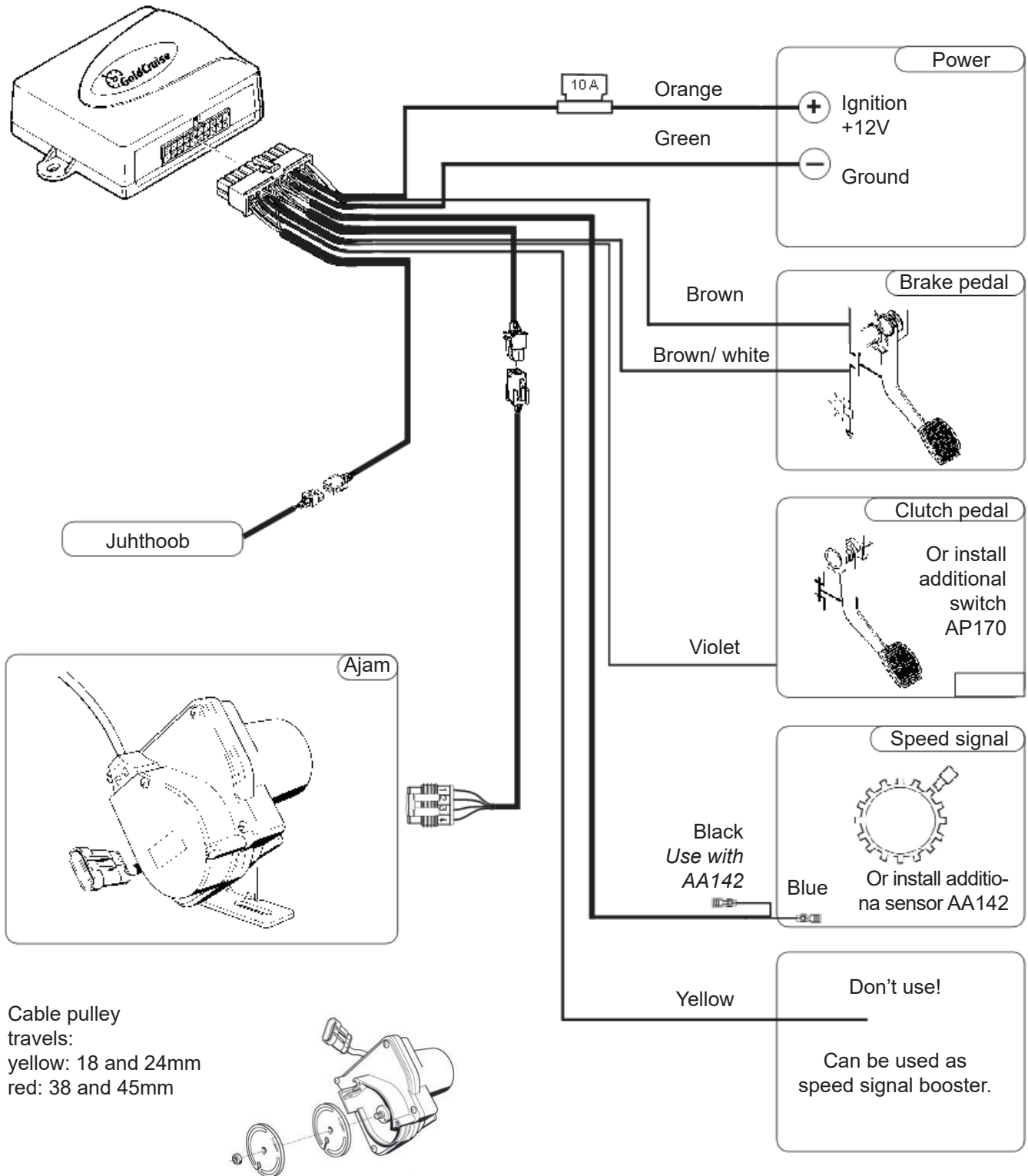


ZEMCO AP500 QUICK INSTALLATION MANUAL

1

WIRING OVERVIEW

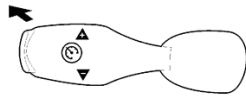


2

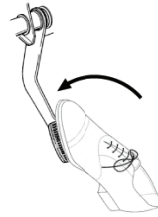
SPEED SIGNAL SETUP



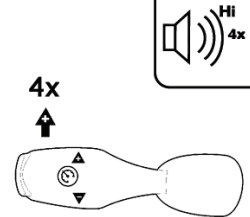
Switch ignition OFF and then ON (do not start!)



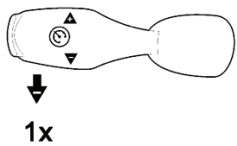
Switch the GoldCruise ON



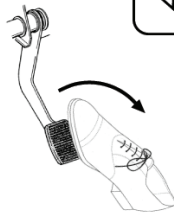
Press and hold the brake pedal



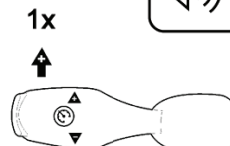
Press FIX/KM+ 4 times



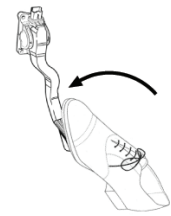
Press MEM/KM- once



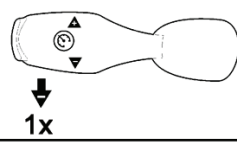
Release the brake pedal



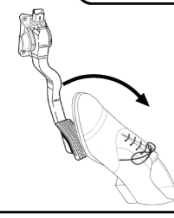
Press FIX/KM+ once



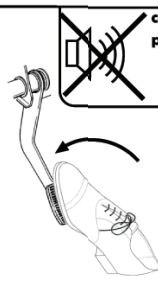
Slowly press the accelerator pedal to full throttle



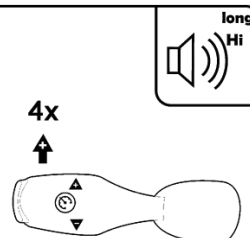
Press MEM/KM- once



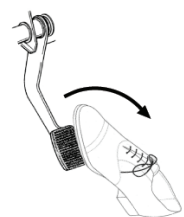
Release the accelerator pedal



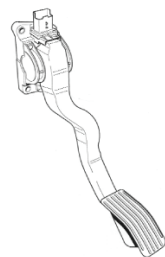
Press and hold the brake pedal



Press FIX/KM+ 4 times



Release the brake pedal



The End
Pedal Setup



Caution!

Some accelerator pedals are equipped with a full throttle switch, causing the signals to be out of sync near full throttle.

This may cause the procedure to fail, in this case repeat the setup, but only press the pedal to 95% instead of 100%.

3

ADJUSTING RESPONSE TIME Optional!



The response time should only be adjusted in case the GoldCruise engages too aggressive or drops back at first.

start the engine	Switch the GoldCruise ON	Press and hold the brake pedal	Press FIX/KM+ 4 times
Press MEM/KM- 3 times	Release the brake pedal	Drive at least 40 km/h (or 25 mph)	Press FIX/KM+ once, GoldCruise engages

← lower		step	3	4	5	6	7	8	9	10	11	12	13	14		↑ 1x	→ higher
Press MEM/KM- once per step			3x	4x	5x	6x	7x	8x	9x	10x	11x	12x	13x	14x	Press FIX/KM+ once per step		

Press the brake pedal briefly	stop in a safe place	Press and hold the brake pedal	Press FIX/KM+ 4 times	Release the brake pedal


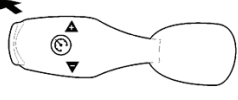
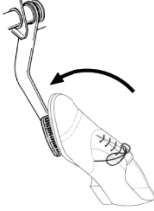
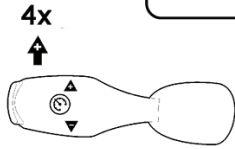
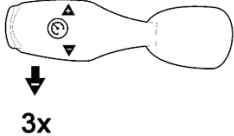
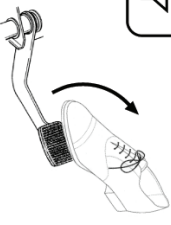
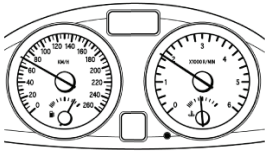
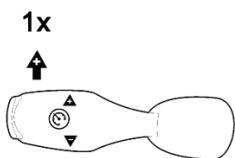
the end

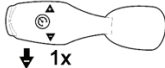

4

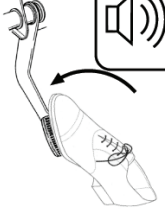
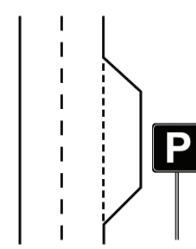
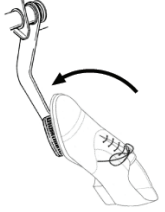

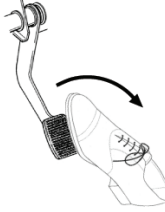
ADJUSTING SENSITIVITY Optional!



The response time should only be adjusted in case the GoldCruise engages too aggressive or drops back at first.

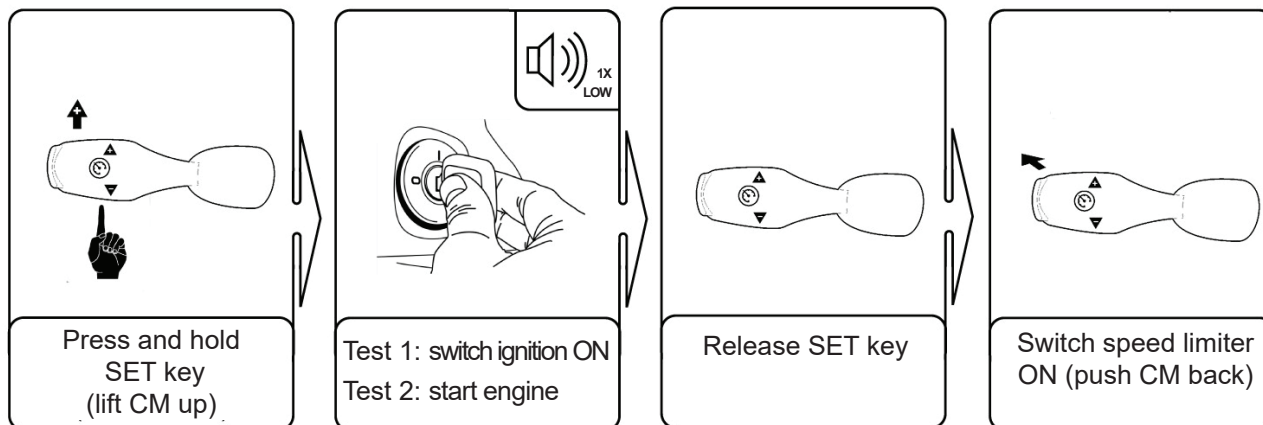
 <p>start the engine</p>	 <p>Switch the GoldCruise ON</p>	 <p>Press and hold the brake pedal</p>	 <p>Press FIX/KM+ 4 times</p>
 <p>Press MEM/KM- 3 times</p>	 <p>Release the brake pedal</p>	 <p>Drive at least 40 km/h (or 25 mph)</p>	 <p>Press FIX/KM+ once, GoldCruise engages</p>

<p>← lower</p>  <p>Press MEM/KM- once per step</p>	<table border="1"> <tr> <td>step</td> <td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td> </tr> <tr> <td></td> <td>3x</td><td>4x</td><td>5x</td><td>6x</td><td>7x</td><td>8x</td><td>9x</td><td>10x</td><td>11x</td><td>12x</td><td>13x</td><td>14x</td> </tr> </table>	step	3	4	5	6	7	8	9	10	11	12	13	14		3x	4x	5x	6x	7x	8x	9x	10x	11x	12x	13x	14x	<p>↑ 1x</p>  <p>→ higher</p> <p>Press FIX/KM+ once per step</p>
step	3	4	5	6	7	8	9	10	11	12	13	14																
	3x	4x	5x	6x	7x	8x	9x	10x	11x	12x	13x	14x																

 <p>Press the brake pedal briefly</p>	 <p>stop in a safe place</p>	 <p>Press and hold the brake pedal</p>	 <p>Press FIX/KM+ 4 times</p>	 <p>Release the brake pedal</p> <p>the end</p>
--	---	---	---	---

5

DIAGNOSTIC MODE Optional!



Diagnostics 1: CM, brake signal, clutch signal

Operate every function of CM: lift up, press down, pull forward, press memory buttons- the system must respond to every action with beep signal. If there no signal check CM and the wiring of it.

Press brake pedal- the system must respond with beep signal. If there no signal check connection of CAN wires or by analog connection check brake wires.

Press clutch pedal- the system must respond with beep signal. If there no signal use clutch pedal switch.

Switch the ignition completely OFF to exit Diagnostics

Diagnostics 2: Accelerator pedal control, vehicle speed signal

Press and hold SET key- wait until engine speed increases. Release SET - engine speed remains on constant level. Press and hold RES key- engine speed decreases. If not perform pedal learning.

Press and hold SET key- wait until engine speed increases. Release set and press brake pedal- engine speed drops idle.

Drive at least 30 km/h - when speed signal is received will the system give pulsating beep signals and the led on the central unit is flashing. If not check CAN wires or learn speed or use analog speed signal.

Switch the ignition completely OFF to exit Diagnostics