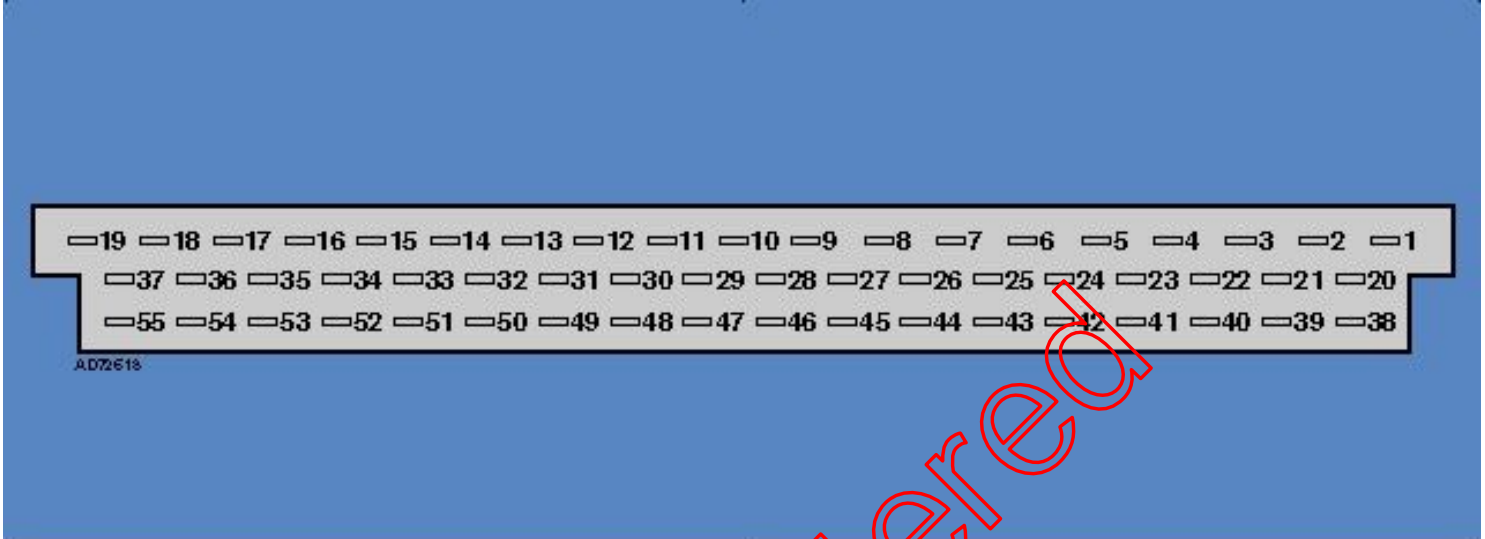
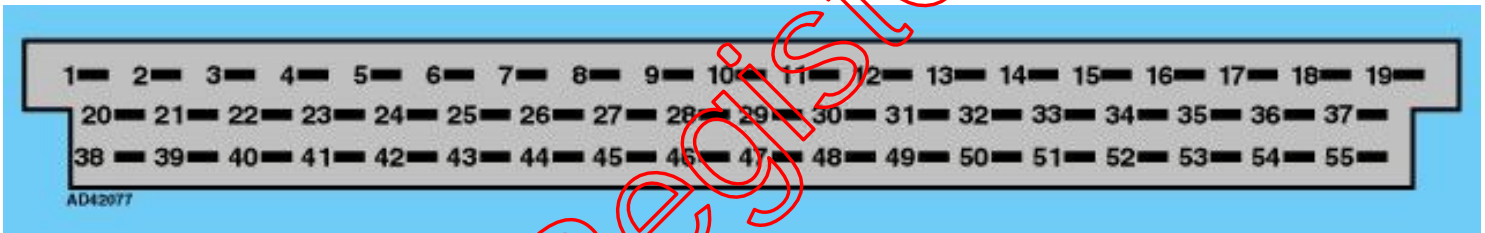


Telephone:
 Fax:
 VAT Registration No.:

Terminal side



Wire side

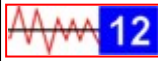
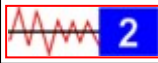
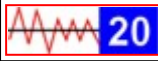
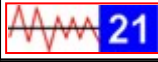
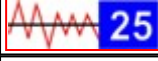
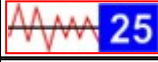
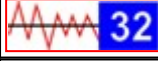
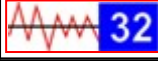
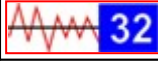
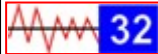


Component/circuit description	ECM pin	Signal	Condition	Typical value	Oscilloscope setting (Suggested settings - Voltage/time per division)	Wave form
Air conditioning	23	←		Connected pin - no test data available or random digital signal		
Air conditioning	40	←		Connected pin - no test data available or random digital signal		
Air conditioning	41	←		Connected pin - no test data available or random digital signal		
Battery	18	←	Ignition OFF	11-14 V		
Coded keypad - 405 - if fitted	2			Connected pin - no test data available or random digital signal		
Coded keypad	13			Connected pin - no test data available or random digital signal		

Manufacturer: Peugeot
 Engine code: XU10J4L/Z (RFY)
 Tuned for: R-Cat

Model: 306 (93-97) 2,0 16V
 Output: 112 (152) 6500
 Year: 1993-97

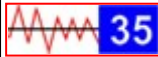
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Coded keypad	27			Connected pin - no test data available or random digital signal		
Coded keypad	50			Connected pin - no test data available or random digital signal		
Camshaft position (CMP) sensor	8	←	Ignition ON	0 V or 5 V		
Camshaft position (CMP) sensor	8	←	Engine idling	4 V	2 V/20 ms	 12
Crankshaft position (CKP) sensor	48 (49)	←	Engine idling		2 V/1 ms	 2
Data link connector (DLC)	2			Connected pin - no test data available or random digital signal		
Data link connector (DLC)	13			Connected pin - no test data available or random digital signal		
Data link connector (DLC)	55			Connected pin - no test data available or random digital signal		
Earth	14		Ignition ON	0 V		
Earth	19		Ignition ON	0 V		
Earth	24		Ignition ON	0 V		
Earth - 306	47		Ignition ON	0 V		
Engine coolant temperature (ECT) sensor	26	↕	Ignition ON	0 V		
Engine coolant temperature (ECT) sensor	45	←	Ignition ON - coolant temp. 10°C	3,2 V		
Engine coolant temperature (ECT) sensor	45	←	Ignition ON - coolant temp. 80°C	0,7 V		
Evaporative emission (EVAP) canister purge valve	5	↔	Ignition ON	11-14 V		
Evaporative emission (EVAP) canister purge valve	5	↔	Engine idling - engine hot	0%		
Evaporative emission (EVAP) canister purge valve	5	↔	Engine running - accelerate briefly	1-99%	10 V/50 ms	 20
Heated oxygen sensor (HO2S)	10	↕	Ignition ON	0 V		
Heated oxygen sensor (HO2S)	28	←	Engine idling - accelerate briefly	0-1 V fluctuating	0,2 V/1 sec.	 21
Heated oxygen sensor (HO2S) - shield wire	19	↕	Ignition ON	0 V		
Idle air control (IAC) valve	4	↔	Engine idling		5 V/5 ms	Intermittent  25
Idle air control (IAC) valve	22	↔	Engine idling		5 V/5 ms	Intermittent  25
Ignition amplifier - cylinders 1 & 4	1	⇒	Engine idling		2 V/0,1 sec.	 32
Ignition amplifier - cylinders 1 & 4	20	⇒	Engine idling		2 V/0,1 sec.	 32
Ignition amplifier - cylinders 2 & 3	38	⇒	Engine idling		2 V/0,1 sec.	 32
Ignition amplifier - cylinders 2 & 3	21	⇒	Engine idling		2 V/0,1 sec.	 32

Manufacturer: Peugeot
 Engine code: XU10J4L/Z (RFY)
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Ignition switch - except 405 with coded keypad	27	←	Ignition OFF	0 V		
Ignition switch	27	←	Ignition ON	11-14 V		
Injector 1	17	⇨	Ignition ON	11-14 V		
Injector 1	17	⇨	Engine idling	2,7 ms	10 V/2 ms	 35
Injector 2	34	⇨	Ignition ON	11-14 V		
Injector 2	34	⇨	Engine idling	2,7 ms	10 V/2 ms	 35
Injector 3	16	⇨	Ignition ON	11-14 V		
Injector 3	16	⇨	Engine idling	2,7 ms	10 V/2 ms	 35
Injector 4	35	⇨	Ignition ON	11-14 V		
Injector 4	35	⇨	Engine idling	2,7 ms	10 V/2 ms	 35
Intake air temperature (IAT) sensor	26	⇨	Ignition ON	0 V		
Intake air temperature (IAT) sensor	44	←	Ignition ON - air temp. 10°C	3,2 V		
Intake manifold air control solenoid	6	⇨	Ignition ON	11-14 V		
Intake manifold air control solenoid	6	⇨	Engine idling	11-14 V		
Intake manifold air control solenoid	6	⇨	Engine idling - accelerate briefly	0-1 V - briefly		
Knock sensor (KS)	11 (30)	←	Engine idling - accelerate briefly		50 mV/1 ms	 38
Malfunction indicator lamp (MIL)	2	⇨	Ignition ON - MIL ON	0 V		
Malfunction indicator lamp (MIL)	2	⇨	Engine running - MIL OFF	11-14 V		
Malfunction indicator lamp (MIL)	13	⇨	Ignition ON - MIL ON	0 V		
Malfunction indicator lamp (MIL)	13	⇨	Engine running - MIL OFF	11-14 V		
Relay module	3	⇨	Ignition ON	0-1 V briefly then 11-14 V		
Relay module	3	⇨	Engine cranking	0-1 V		
Relay module	3	⇨	Engine idling	0-1 V		
Relay module	36	⇨	Ignition OFF	11-14 V		
Relay module	36	⇨	Ignition ON	0-1 V		
Relay module	37	←	Ignition ON	11-14 V		
Tachometer	43	⇨	Engine idling	30 Hz		
Tachometer	43	⇨	3000 rpm	100 Hz		
Throttle position (TP) sensor	12	⇨	Ignition ON	5 V		
Throttle position (TP) sensor	26	⇨	Ignition ON	0 V		
Throttle position (TP) sensor	53	←	Ignition ON - throttle closed	0,4 V		

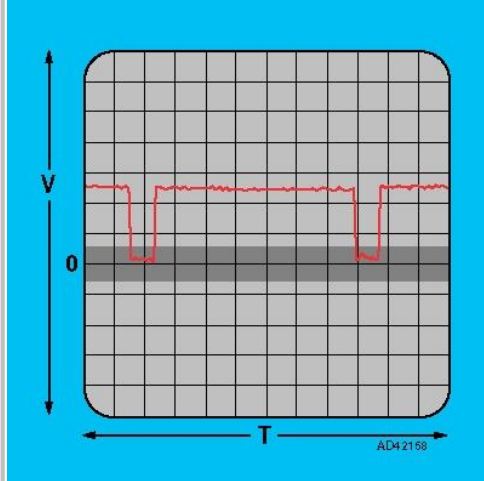
Manufacturer: Peugeot
 Engine code: XU10J4L/Z (RFY)
 Tuned for: R-Cat

Model: 306 (93-97) 2,0 16V
 Output: 112 (152) 6500
 Year: 1993-97

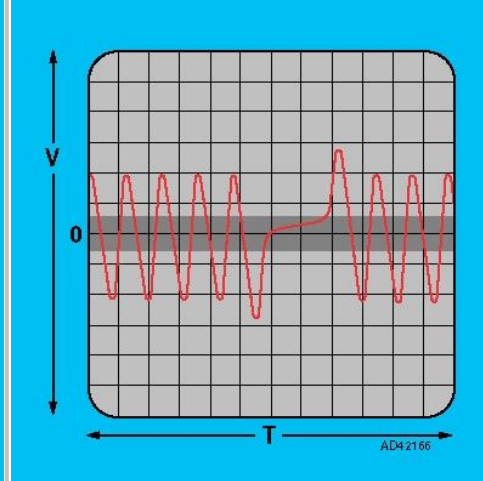
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Throttle position (TP) sensor	53	←	Ignition ON - throttle fully open	4,5 V		
Vehicle speed sensor (VSS)	9	←	Ignition ON - vehicle pushed		5 V/2 secs.	 43

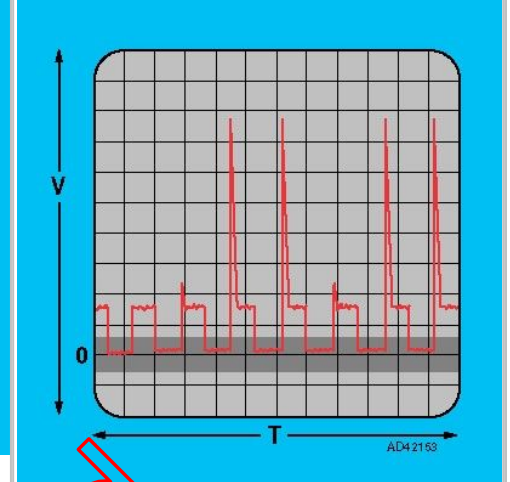
12. Digital, DC, frequency modulated



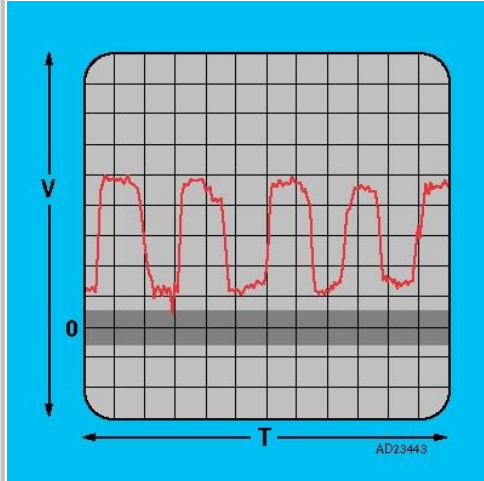
2. Analogue, AC, frequency modulated



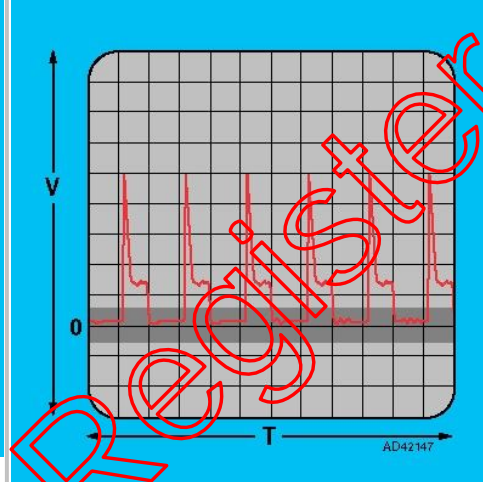
20. Digital, DC, pulse width modulated or digital, DC, frequency modulated



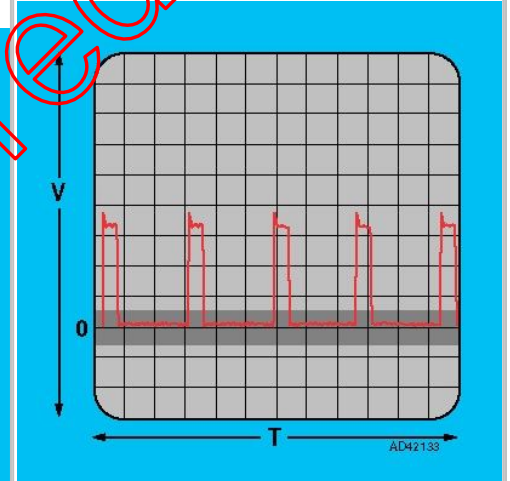
21. Analogue, DC



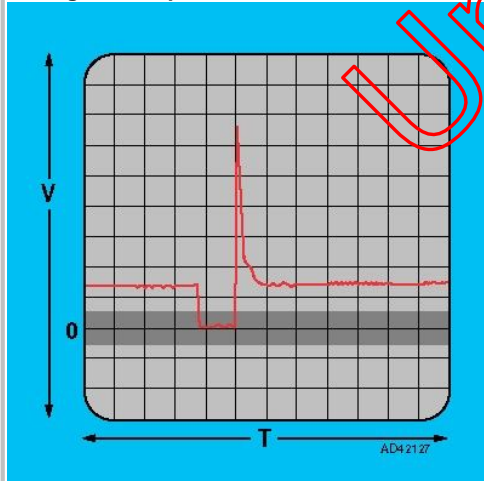
25. Digital, DC, pulse width modulated or digital, DC, frequency modulated



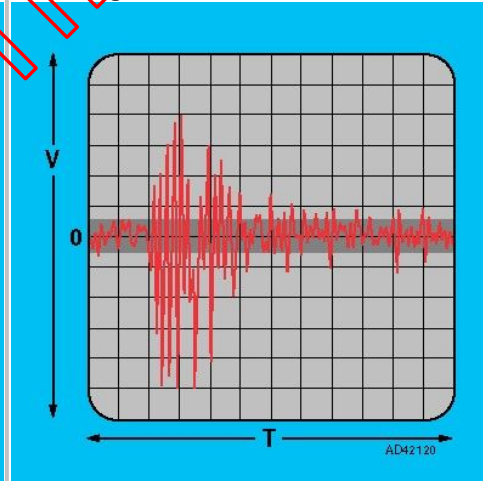
32. Digital, DC, frequency modulated



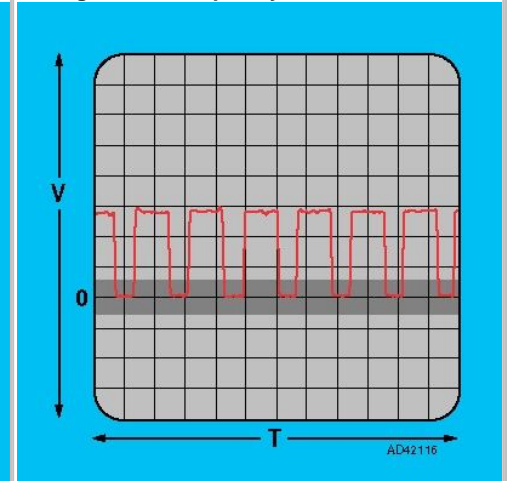
35. Digital, DC, pulse width modulated








38. Analogue, AC



43. Digital, DC, frequency modulated



	input/output signal
	input signal
	output signal
	ECM switched earth
	ECM earth circuit

UnRegistered

Manufacturer: Peugeot
Engine code: XU10J4L/Z (RFY)
Tuned for: R-Cat

Model: 306 (93-97) 2,0 16V
Output: 112 (152) 6500
Year: 1993-97

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