

6.6. Benelli

6.6.1. Tornado 900 TRE

AFR Tuner terminal	Benelli Tornado 900 TRE		
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Injector input #1 (Main-4)	ECM-P1H2 Gray/Green		
Injector input #2 (Main-3)	ECM-P1H3 Gray		
Injector input #3 (Main-2)	ECM-P1G3 Blue/Gray		
Injector input #4 (Main-1)	NC		
Injector driver #1 (Main-14)	Inj #1 (ECM-P1H2) Gray/Green		
Injector driver #2 (Main-13)	Inj#2 (ECM-P1H3) Gray		
Injector driver #3 (Main-12)	Inj#2 (ECM-P1G3) Blue/Gray		
Injector driver #4 (Main-11)	NC		
Injector power (Main-16)	ECM-P1H4 Red/White		
ECT input (Main-6)	ECM-P1B2 White/Violet		
TPS input (Main-7)	ECM-P1E3 Yellow/Blue		
GPS input (Main-17)	NC		
RPM input (Main-18)	ECM-P2A1 Gray/Red		
Speed sensor (Main-8)	Speed sensor Blue		
+12 V (Main-10)	Speed sensor Brown		
Ground (Main-20), Injector ground (Main-15), Heater ground (Main-9)	ECM- P1G4/P2C4/P2G3/ P2G4/P2C2/P2D2 Black		

7. Gear ratio database

Motorcycle	Gear position calculation							Speed calculation		
	N	1	2	3	4	5	6	N _F	N _R	NoP
2001-2004 Suzuki GSX-R1000 (w TRE)	22	90	118	144	167	185	200	17	42	4
2005-2006 Suzuki GSX-R1000 (w TRE)	22	94	118	141	161	178	190	17	42	4
2007-2008 Suzuki GSX-R1000 (w TRE)	22	94	118	141	161	178	190	17	43	4
2000-2003 Suzuki GSX-R750 (w TRE)	25	82	112	137	158	176	194	17	42	4
2004-2005 Suzuki GSX-R750 (w TRE)	25	82	112	137	158	176	194	17	43	4
2006-2007 Suzuki GSX-R750 (w TRE)	25	87	118	141	161	180	200	17	45	4
2004-2005 Suzuki GSX-R600 (w TRE)	26	83	112	137	159	177	195	16	45	4
2006-2007 Suzuki GSX-R600 (w TRE)	28	87	118	141	161	180	200	16	43	4
1999-2007 Suzuki GSX1300R (w TRE)	19	78	105	133	158	179	195	17	40	4
2008 Suzuki GSX1300R (w TRE)	19	78	105	133	158	179	195	18	43	4
2008 Suzuki GSX1300BK (w TRE)	19	78	105	133	158	179	195	18	43	4
2006-2008 Suzuki VZR1800 (w TRE)	14	59	92	124	155	187	255	12	32	4
2004-2005 Honda CBR1000RR	3	91	119	147	168	185	199	16	41	29
2006-2007 Honda CBR1000RR	3	91	119	147	168	185	199	16	42	29
2008 Honda CBR1000RR	2	72	92	109	123	135	144	16	42	33
2003-2004 Honda CBR600RR	4	85	117	140	161	180	194	16	43	28
2005-2006 Honda CBR600RR	4	85	117	140	161	180	194	16	42	28
2007-2008 Honda CBR600RR	4	85	117	140	161	180	194	16	41	28
2004-2005 Kawasaki ZX-10R	GPS	GPS	GPS	GPS	GPS	GPS	GPS	17	39	30
2006-2007 Kawasaki ZX-10R	GPS	GPS	GPS	GPS	GPS	GPS	GPS	17	40	30
2008 Kawasaki ZX-10R	GPS	GPS	GPS	GPS	GPS	GPS	GPS	17	41	30
2003-2004 Kawasaki ZX-6R	3	65	92	110	131	149	165	15	40	30
2004 Kawasaki ZX-6RR	4	84	111	132	152	171	186	15	40	27
2005-2006 Kawasaki ZX-6R	3	69	99	122	140	160	176	15	43	30
2007-2008 Kawasaki ZX-6R	GPS	GPS	GPS	GPS	GPS	GPS	GPS	16	43	26
2000-2006 Kawasaki ZX-12R	2	68	91	115	133	147	160	18	46	31
2006-2007 Kawasaki ZX-14 / ZZR 1400	GPS	GPS	GPS	GPS	GPS	GPS	GPS	17	41	4
2004-2008 Yamaha YZF-R1	2	74	90	106	122	137	147	17	45	33
2006-2007 Yamaha YZF-R6	4	73	95	114	131	147	165	16	45	23
2004-2008 Aprilia RSV 1000	40	78	108	136	162	184	199	1	2	5
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