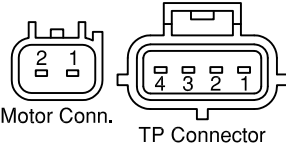
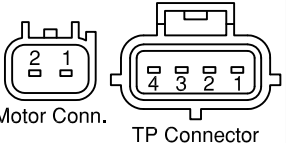
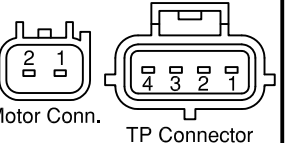
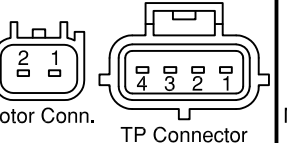
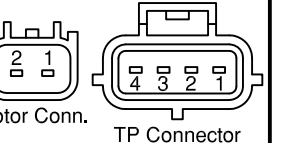
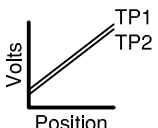
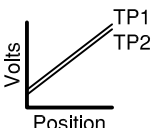
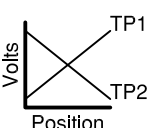
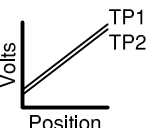
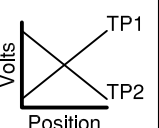


Column No.	A	B	C	D	E
Part No.s		13S1 00 M2Y1			
Applications		Yamaha R1 2012			
Part No.s	Yamaha Part No: 13S1 00 2122 TP sensor P/N: 7N21E	Unknown			
Applications	Yamaha R6 2008	Yamaha R1 2007			
Part No.s	Yamaha Part No: 2C01 00 M561	Yamaha Part No: 14B1 00 M8Z1 TP sensor P/N: 8030E	68001 T1Z4	Yamaha Part No: 4C81 20 M78C TP sensor P/N: 7718E	B7182 T2Y4
Applications	Yamaha R6 2006	Yamaha R1 2009	Ducati 1199, 2012	Yamaha R1	MV Agusta F4, 50mm
Pin Functon	 <p>Motor Conn. TP Connector</p> <p>Motor- 2 Motor+ 1</p> <p>Throttle Position1 2 Throttle Position2 4 0V (TP1/TP2) 1 5V (TP1/TP2) 3</p>	 <p>Motor Conn. TP Connector</p> <p>2 1 1</p> <p>2 4 1 3</p>	 <p>Motor Conn. TP Connector</p> <p>2 1 1 2</p> <p>4 2 1 3</p>	 <p>Motor Conn. TP Connector</p> <p>2 1 1</p> <p>2 4 1 3</p>	 <p>Motor Conn. TP Connector</p> <p>2 1 1</p> <p>1 3 4 2</p>
Calibration	<p>Proportional Gain 95 Integral Gain 40 Derivative Gain 115 Period 1 Dead Band 0.3 Feed Forward 10 Neg. Integral Clamp -15 Frequency 8000 Motor Volts 14</p> 	<p>120 45 140 1 0.3 10 -15 8000 14</p> 	<p>100 80 135 1 0.3 20 -20 8000 14</p> 	<p>100 60 130 1 0.2 10 -5 8000 14</p> 	<p>120 40 155 1 0.2 15 -30 8000 14</p> 

Note, refer to:
 "DAD0001 Electronic Throttle Setup for MoTeC 'hundred series' ECUs" or
 "DAD0002 Electronic Throttle Setup for MoTeC 'M1 series' ECUs"
 for additional information.



Title Mikuni Bike Electronic Throttle Motors

Date 14.5.2009

Drawn KMH

App

Rev F

Sheet No

1 of 1

Drawing No

DAD0035