

HKS A/F Knock Amp v1 Diagram

		B			-	-	-
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
-	-	B					

A/F-Knock Amp v1 connector

<i>PIN</i>	<i>Colour</i>	<i>Colour</i>	<i>Description</i>
1		BLACK	GROUND
2		RED	IGN POWER
3		Yellow / Black	Cam angle signal (<i>INPUT</i>)
4		Green	Crank position signal (GROUND)
5		White	Knock sensor 1 (<i>INPUT</i>)
6-10	-	-	A/F sensor harness
11		Green / Black	Cam angle (GROUND)
12		Yellow	Crank position signal (<i>INPUT</i>)
13		Grey	Knock sensor 2 (<i>INPUT</i>)
14		Brown	F-CON V Pro signal (<i>INPUT</i>)
15		Pink	A/F voltage (<i>OUTPUT</i>)
16		Purple	Knock voltage (<i>OUTPUT</i>)

A/F-Knock Amp v1 connector pin definition

A/F Knock-Amp v1				F-CON V Pro		
<i>PIN</i>	<i>Colour</i>	<i>Description</i>		<i>Description</i>	<i>Colour</i>	<i>PIN</i>
1		GROUND	↔	GROUND		-
2		POWER	↔	POWER		-
5		Knock sensor 1 (<i>INPUT</i>)	↔	Knock sensor on ENGINE	-	-
13		Knock sensor 2 (<i>INPUT</i>)	↔	Knock sensor on ENGINE	-	-
14		F-CON V Pro signal (<i>INPUT</i>)	↔	Twin INJ Adaptor Pin	/ White	61
				Option Switch O/P #2	/ White	55
16		Knock voltage (<i>OUTPUT</i>)	↔	Fuel GCC INPUT	Yellow	15
				Option Voltage INPUT #1	Y / Black	23
				Option Voltage INPUT #2	Y / Black	24

A/F-Knock Amp v1 connection to F-CON V PRO v3.1+

<http://1jzmerc.com/files/pdf/hks-afk-v1-diagram.pdf>