

Carb Rebuild Inspection and Disassembly Report

Name _____ Date _____ # _____

Bike Model C /CT /CF

Exhaust - Stock / Stock Modified - Piggies cut / baffles drilled / Ragner cut

Aftermarket- Brand _____ Baffles in – out

Air filter- Stock / K&N

Carb Model Number _____ **Model Year** _____

1	Take pictures of As Found condition <input type="checkbox"/>																									
2	Pilot screws Stuck (S) / Free (F) # Turns from lightly Seated <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 5%; text-align: center;">2</td> <td style="width: 5%;">S</td> <td style="width: 5%;">F</td> <td style="width: 10%;">#</td> <td style="width: 5%; text-align: center;">1</td> <td style="width: 5%;">S</td> <td style="width: 5%;">F</td> <td style="width: 10%;">#</td> </tr> <tr> <td style="text-align: center;">4</td> <td>S</td> <td>F</td> <td>#</td> <td style="text-align: center;">3</td> <td>S</td> <td>F</td> <td>#</td> </tr> <tr> <td style="text-align: center;">6</td> <td>S</td> <td>F</td> <td>#</td> <td style="text-align: center;">5</td> <td>S</td> <td>F</td> <td>#</td> </tr> </table>	2	S	F	#	1	S	F	#	4	S	F	#	3	S	F	#	6	S	F	#	5	S	F	#	Initial setup for tuning _____ <input type="checkbox"/> <u>Initial Opening</u> '97 GL1500 C/CT: Except California type: 1-3/4 turns out California type: 2 turns out After '97 GL1500CF, GL1500C/CT Except California type: 2-1/4 turns out California type: 2-3/8 turns out
2	S	F	#	1	S	F	#																			
4	S	F	#	3	S	F	#																			
6	S	F	#	5	S	F	#																			
3	Pilot screws removed <input type="checkbox"/>																									
4	Pilot screw springs, washers and O-rings removed. <input type="checkbox"/>																									
5	Carb Bowl Drain screws removed. <input type="checkbox"/>																									
6	Air Rail Vent Lines Supplied? Y N Remove Vent Lines if supplied <input type="checkbox"/> N/A-not supplied <input type="checkbox"/>	Install vent lines <input type="checkbox"/>																								
7	Fuel Line Supplied? Y N Remove Fuel line if supplied. <input type="checkbox"/> N/A-not supplied <input type="checkbox"/>	Install new fuel lines and clamps <input type="checkbox"/>																								
8	Choke Rail Crossover Cable supplied? Y N Remove Cable if supplied. <input type="checkbox"/> N/A-not supplied <input type="checkbox"/>	Install Choke Rail Crossover Cable if supplied <input type="checkbox"/>																								
9	Inspect and Remove Both Choke rail linkages <input type="checkbox"/> Note any missing parts. Screws____ Spring____Stepped washer____ Flat washer____	Polish screws <input type="checkbox"/> Lightly Lubricate <input type="checkbox"/> Install washers and springs <input type="checkbox"/>																								
10	Crossover arm moves butterflies without sticking. Y N																									
11	Remove Crossover arm <input type="checkbox"/> All spacers installed? Y N	Install new cotter pins <input type="checkbox"/> Install spacers <input type="checkbox"/>																								
12	Crossover arm bearings Good / Bad	Install new bearings <input type="checkbox"/>																								
13	Chrome caps supplied? Y N	Polish if supplied. <input type="checkbox"/> Replace screws <input type="checkbox"/>																								
14	Remove Chrome and Black Caps <input type="checkbox"/>																									

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15	Main Needle Springs C/CT or IS													
16	Verify Black Plastic Cap Passages open. <input type="checkbox"/>													
17	<div style="display: flex;"> <div style="flex: 1;"> <p>Inspect CV Diaphragms</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">2</td><td style="width: 20%;">Good /Bad</td><td style="width: 5%;">1</td><td style="width: 20%;">Good /Bad</td></tr> <tr> <td>4</td><td>Good /Bad</td><td>3</td><td>Good /Bad</td></tr> <tr> <td>6</td><td>Good /Bad</td><td>5</td><td>Good /Bad</td></tr> </table> </div> <div style="flex: 1; padding-left: 10px;"> <p>Hold them up to a light and stretch the diaphragms a little to ensure no holes exist. <input type="checkbox"/></p> </div> </div>	2	Good /Bad	1	Good /Bad	4	Good /Bad	3	Good /Bad	6	Good /Bad	5	Good /Bad	
2	Good /Bad	1	Good /Bad											
4	Good /Bad	3	Good /Bad											
6	Good /Bad	5	Good /Bad											
18	Remove Main Jet Needle Carriers. <input type="checkbox"/>													
19	Main Needles - Stock or Aftermarket													
20	Main Needles 1997 - J6KG After 97 - J6KJ													
21	<div style="display: flex;"> <div style="flex: 1;"> <p>Air Horn bent?</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">2</td><td style="width: 20%;">Y N</td><td style="width: 5%;">1</td><td style="width: 20%;">Y N</td></tr> <tr> <td>4</td><td>Y N</td><td>3</td><td>Y N</td></tr> <tr> <td>6</td><td>Y N</td><td>5</td><td>Y N</td></tr> </table> </div> <div style="flex: 1; padding-left: 10px;"> <p>Straighten or replace if bent. <input type="checkbox"/></p> </div> </div>	2	Y N	1	Y N	4	Y N	3	Y N	6	Y N	5	Y N	
2	Y N	1	Y N											
4	Y N	3	Y N											
6	Y N	5	Y N											
22	Air Horn Plates, horns, and gaskets removed. <input type="checkbox"/>													
23	<div style="display: flex;"> <div style="flex: 1;"> <p>Air Horn area air circuit tubes Open, Slow, Plugged</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">2</td><td style="width: 20%;">O S P - Tall O S P - Middle O S P - Short</td><td style="width: 5%;">1</td><td style="width: 20%;">O S P - Tall O S P - Middle O S P - Short</td></tr> <tr> <td>4</td><td>O S P - Tall O S P - Middle O S P - Short</td><td>3</td><td>O S P - Tall O S P - Middle O S P - Short</td></tr> <tr> <td>6</td><td>O S P - Tall O S P - Middle O S P - Short</td><td>5</td><td>O S P - Tall O S P - Middle O S P - Short</td></tr> </table> </div> <div style="flex: 1; padding-left: 10px;"> <p>Verify all Open with Mighty Vac after U Sound. <input type="checkbox"/></p> <p>Install new gasket. <input type="checkbox"/></p> <p>Clean screws. <input type="checkbox"/></p> </div> </div>	2	O S P - Tall O S P - Middle O S P - Short	1	O S P - Tall O S P - Middle O S P - Short	4	O S P - Tall O S P - Middle O S P - Short	3	O S P - Tall O S P - Middle O S P - Short	6	O S P - Tall O S P - Middle O S P - Short	5	O S P - Tall O S P - Middle O S P - Short	
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24	<div style="display: flex;"> <div style="flex: 1;"> <p>Bowls condition - Shiny/ Fungus/ Lacquer/Dust</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">2</td><td style="width: 20%;">S F L D</td><td style="width: 5%;">1</td><td style="width: 20%;">S F L D</td></tr> <tr> <td>4</td><td>S F L D</td><td>3</td><td>S F L D</td></tr> <tr> <td>6</td><td>S F L D</td><td>5</td><td>S F L D</td></tr> </table> </div> <div style="flex: 1;"></div> </div>	2	S F L D	1	S F L D	4	S F L D	3	S F L D	6	S F L D	5	S F L D	
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4	S F L D	3	S F L D											
6	S F L D	5	S F L D											
25	<div style="display: flex;"> <div style="flex: 1;"> <p>Carb Bowl Gaskets Leaking?</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">2</td><td style="width: 20%;">Y N Maybe</td><td style="width: 5%;">1</td><td style="width: 20%;">Y N Maybe</td></tr> <tr> <td>4</td><td>Y N Maybe</td><td>3</td><td>Y N Maybe</td></tr> <tr> <td>6</td><td>Y N Maybe</td><td>5</td><td>Y N Maybe</td></tr> </table> </div> <div style="flex: 1; padding-left: 10px;"> <p>Clean Gasket groove. <input type="checkbox"/></p> <p>Install new Bowl Gaskets. <input type="checkbox"/></p> <p>Install new Drain Screw O-rings. <input type="checkbox"/></p> <p>Install Drain screws <input type="checkbox"/></p> <p>Vacuum check Bowls with drain screws. <input type="checkbox"/></p> </div> </div>	2	Y N Maybe	1	Y N Maybe	4	Y N Maybe	3	Y N Maybe	6	Y N Maybe	5	Y N Maybe	
2	Y N Maybe	1	Y N Maybe											
4	Y N Maybe	3	Y N Maybe											
6	Y N Maybe	5	Y N Maybe											
26	Bowl Floats in good shape? Y N													

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27	Estimate Bowl Float Needle Valve function left. <div style="text-align: right;">_____ %</div>	Replace with K&L 18-8955. <input type="checkbox"/> Install new Bowl Screws. <input type="checkbox"/>												
28	Carb jets size as Found: Slow/high <div style="text-align: center;">___ / ___</div>	Jets for customer: Slow/high <div style="text-align: center;">___ / ___</div>												
29	SLOW Carb Jets Plugged? <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 5%; text-align: center;">2</td><td style="width: 15%;">Y N Partial</td> <td style="width: 5%; text-align: center;">1</td><td style="width: 15%;">Y N Partial</td> </tr> <tr> <td style="text-align: center;">4</td><td>Y N Partial</td> <td style="text-align: center;">3</td><td>Y N Partial</td> </tr> <tr> <td style="text-align: center;">6</td><td>Y N Partial</td> <td style="text-align: center;">5</td><td>Y N Partial</td> </tr> </table>	2	Y N Partial	1	Y N Partial	4	Y N Partial	3	Y N Partial	6	Y N Partial	5	Y N Partial	Install new SLOW jets. <input type="checkbox"/>
2	Y N Partial	1	Y N Partial											
4	Y N Partial	3	Y N Partial											
6	Y N Partial	5	Y N Partial											
30	HIGH Carb Jets Plugged? <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 5%; text-align: center;">2</td><td style="width: 15%;">Y N Partial</td> <td style="width: 5%; text-align: center;">1</td><td style="width: 15%;">Y N Partial</td> </tr> <tr> <td style="text-align: center;">4</td><td>Y N Partial</td> <td style="text-align: center;">3</td><td>Y N Partial</td> </tr> <tr> <td style="text-align: center;">6</td><td>Y N Partial</td> <td style="text-align: center;">5</td><td>Y N Partial</td> </tr> </table>	2	Y N Partial	1	Y N Partial	4	Y N Partial	3	Y N Partial	6	Y N Partial	5	Y N Partial	Install new HIGH Jets. <input type="checkbox"/>
2	Y N Partial	1	Y N Partial											
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6	Y N Partial	5	Y N Partial											
31	Emulsion Tubes Plugged? <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 5%; text-align: center;">2</td><td style="width: 15%;">Y N Partial</td> <td style="width: 5%; text-align: center;">1</td><td style="width: 15%;">Y N Partial</td> </tr> <tr> <td style="text-align: center;">4</td><td>Y N Partial</td> <td style="text-align: center;">3</td><td>Y N Partial</td> </tr> <tr> <td style="text-align: center;">6</td><td>Y N Partial</td> <td style="text-align: center;">5</td><td>Y N Partial</td> </tr> </table>	2	Y N Partial	1	Y N Partial	4	Y N Partial	3	Y N Partial	6	Y N Partial	5	Y N Partial	Ultrasonic clean and verify open. <input type="checkbox"/>
2	Y N Partial	1	Y N Partial											
4	Y N Partial	3	Y N Partial											
6	Y N Partial	5	Y N Partial											
32	Pressed in Slow Jet Tubes in carb bowls Open, Slow, Plugged <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 5%; text-align: center;">2</td><td style="width: 15%;">O S P</td> <td style="width: 5%; text-align: center;">1</td><td style="width: 15%;">O S P</td> </tr> <tr> <td style="text-align: center;">4</td><td>O S P</td> <td style="text-align: center;">3</td><td>O S P</td> </tr> <tr> <td style="text-align: center;">6</td><td>O S P</td> <td style="text-align: center;">5</td><td>O S P</td> </tr> </table>	2	O S P	1	O S P	4	O S P	3	O S P	6	O S P	5	O S P	Verify all Open with Mighty Vac after U Sound. <input type="checkbox"/>
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33	Back off adjustment exactly 5 turns and remove the 4 “flyaway” adjuster springs from: 1___ 5___ 2___ 6___	Install 4 “Flyaway” springs and turn adjusters in 5 turns. <input type="checkbox"/>												
34	Remove Stay Plates and Separate bodies. Rod Corrosion level - Low/Medium/High Difficulty separating - Low/Medium/High	Polish Stay Plates. <input type="checkbox"/> Clean polish and lube connecting rods. <input type="checkbox"/>												
35	Capture 4 Vibration dampener Springs. <input type="checkbox"/>	Install 4 Vibration dampener Springs. <input type="checkbox"/>												
36	Remove 6 Air Cut Valves, tubing and jets. <input type="checkbox"/>	Install new jet O-rings. <input type="checkbox"/> Install new Nose O-rings. <input type="checkbox"/> Install new screws. <input type="checkbox"/> Install new vacuum tubing. <input type="checkbox"/> Install ACVs <input type="checkbox"/>												

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37	<p>Function Test Air Cut Valves.</p> <table border="1"> <tr> <td>2</td> <td>Good /Bad</td> <td>1</td> <td>Good /Bad</td> </tr> <tr> <td>4</td> <td>Good /Bad</td> <td>3</td> <td>Good /Bad</td> </tr> <tr> <td>6</td> <td>Good /Bad</td> <td>5</td> <td>Good /Bad</td> </tr> </table>	2	Good /Bad	1	Good /Bad	4	Good /Bad	3	Good /Bad	6	Good /Bad	5	Good /Bad	
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37	<p>Remove 6 Enrichment Plungers. <input type="checkbox"/></p>	<p>Install 6 Enrichment Plungers. <input type="checkbox"/></p>												
38	<p>Remove O-rings & Gaskets</p> <p>Bowl gaskets 6 __</p> <p>Fuel rail tees 4 __</p> <p>Fuel rail tubes 4 __</p> <p>Air Rail Tees 4 __</p> <p>Air Rail Tubes 4 __</p> <p>Main Needle Holder 6 __</p> <p>Bowl Drain Screws 6 __</p> <p>ACV jets 12 __</p> <p>ACV nose 6 __</p>													
39	<p>Idle Adjustment Knob</p>	<p>Lubricate the Idle adjustment with Never-Seeze. <input type="checkbox"/></p>												

Notes:

[illegible]