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 _____

<table>
<tr><td></td><td>Take pictures of As Found condition ☐</td><td></td></tr>
<tr><td>1</td><td>Pilot screws Stuck (S) / Free (F)
Turns from lightly Seated
<table><tr><td>2</td><td>S F #</td><td>1</td><td>S F #</td></tr><tr><td>4</td><td>S F #</td><td>3</td><td>S F #</td></tr><tr><td>6</td><td>S F #</td><td>5</td><td>S F #</td></tr></table></td><td>Initial setup for tuning _____ ☐
<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</td></tr>
<tr><td>2</td><td>Remove Pilot Screws, O-rings, washers, springs. ☐</td><td>Install new Pilot screws, springs, washers, O-rings ☐</td></tr>
<tr><td>3</td><td>Fuel Line Supplied? Y N
Remove Fuel line if supplied ☐
N/A–not supplied ☐</td><td>Install new fuel lines and clamps ☐</td></tr>
<tr><td>4</td><td>Choke Rail Crossover Cable supplied? Y N</td><td>Set linkage if crossover cable was supplied ☐</td></tr>
<tr><td>5</td><td>Remove Choke Rail Crossover Cable. ☐
N/A–not supplied ☐</td><td>Install Choke Rail Crossover Cable if supplied ☐</td></tr>
<tr><td>6</td><td>Inspect and Remove Both Choke rail linkages ☐</td><td>Polish screws ☐
Lightly Lubricate ☐
Install washers and springs ☐</td></tr>
<tr><td>7</td><td>Crossover arm moves butterflies without sticking. Y N</td><td></td></tr>
<tr><td>8</td><td>Remove Crossover arm ☐
All spacers installed? Y N</td><td>Install new cotter pins ☐
Install spacers ☐</td></tr>
<tr><td>9</td><td>Crossover arm bearings Good / Bad</td><td>Install new bearings ☐</td></tr>
<tr><td>10</td><td>Chrome caps supplied? Y N</td><td>Polish if supplied. ☐
Replace screws ☐</td></tr>
<tr><td>11</td><td>Remove Chrome and Black Caps ☐</td><td></td></tr>
<tr><td>12</td><td>Springs C/CT or IS</td><td></td></tr>
<tr><td>13</td><td>Verify Black Plastic Cap Passages open. ☐</td><td></td></tr>
<tr><td>14</td><td>Inspect CV Diaphragms
<table><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></td><td>Hold them up to a light and stretch the diaphragms a little to ensure no holes exist</td></tr>
</table>

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<table>
<tr><td>15</td><td>Remove Main Jet Needle Carriers.</td><td></td></tr>
<tr><td>16</td><td>Main Needles - Stock or Aftermarket</td><td></td></tr>
<tr><td>17</td><td>Main Needles 1997 - J6KG After 97 - J6KJ</td><td></td></tr>
<tr><td>18</td><td>Air Horn bent?
<table><tr><td>2</td><td>Y N</td><td>1</td><td>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></td><td>Straighten or replace if bent. ☐</td></tr>
<tr><td>19</td><td>Air Horn Plates, horns, and gaskets removed. ☐</td><td></td></tr>
<tr><td>20</td><td>Air Horn area air circuit tubes
Open, Slow, Plugged
<table><tr><td>2</td><td>O S P - Tall
O S P - Middle
O S P - Short</td><td>1</td><td>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></td><td>Verify all Open with Mighty Vac after U Sound. ☐

Install new gasket. ☐

Clean screws. ☐</td></tr>
<tr><td>21</td><td>Bowls condition - Shiny/ Fungus/ Lacquer/Dust
<table><tr><td>2</td><td>S F L D</td><td>1</td><td>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></td><td>Clean Gasket groove. ☐
Vacuum check Bowls with drain screws. ☐</td></tr>
<tr><td>22</td><td>Carb Bowl Gaskets Leaking?
<table><tr><td>2</td><td>Y N Maybe</td><td>1</td><td>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></td><td>Install new Bowl Gaskets. ☐</td></tr>
<tr><td>23</td><td>Carb Bowl Drain screws removed. ☐</td><td>Install new Drain Screw O-rings. ☐
Leak check Bowl gasket and drain screw O-rings. ☐</td></tr>
<tr><td>24</td><td>Bowl Floats in good shape? Y N</td><td></td></tr>
<tr><td>25</td><td>Estimate Bowl Float Needle Valve function left.
_____%</td><td>Replace with K&L 18-8955. ☐
Install new Bowl Screws. ☐</td></tr>
<tr><td>26</td><td>Syphon Tubes in carb bowls
Open, Slow, Plugged
<table><tr><td>2</td><td>O S P</td><td>1</td><td>O S P</td></tr><tr><td>4</td><td>O S P</td><td>3</td><td>O S P</td></tr><tr><td>6</td><td>O S P</td><td>5</td><td>O S P</td></tr></table></td><td>Verify all Open with Mighty Vac after U Sound. ☐</td></tr>
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<table>
<tr><td>27</td><td>Carb jets size as Found: Slow/high
___ /____</td><td>Jets for customer: Slow/high
___ /____</td></tr>
<tr><td>28</td><td>SLOW Carb Jets Plugged?<table><tr><td>2</td><td>Y N Partial</td><td>1</td><td>Y N Partial</td></tr><tr><td>4</td><td>Y N Partial</td><td>3</td><td>Y N Partial</td></tr><tr><td>6</td><td>Y N Partial</td><td>5</td><td>Y N Partial</td></tr></table></td><td>Install new SLOW jets. ☐</td></tr>
<tr><td>29</td><td>HIGH Carb Jets Plugged?<table><tr><td>2</td><td>Y N Partial</td><td>1</td><td>Y N Partial</td></tr><tr><td>4</td><td>Y N Partial</td><td>3</td><td>Y N Partial</td></tr><tr><td>6</td><td>Y N Partial</td><td>5</td><td>Y N Partial</td></tr></table></td><td>Install new HIGH Jets. ☐</td></tr>
<tr><td>30</td><td>Emulsion tubes Plugged?<table><tr><td>2</td><td>Y N Partial</td><td>1</td><td>Y N Partial</td></tr><tr><td>4</td><td>Y N Partial</td><td>3</td><td>Y N Partial</td></tr><tr><td>6</td><td>Y N Partial</td><td>5</td><td>Y N Partial</td></tr></table></td><td>Ultrasonic clean and verify open. ☐</td></tr>
<tr><td>31</td><td>Back off adjustment exactly 5 turns and remove the 4 “flyaway” adjuster springs from:
1___ 5___ 2___ 6___</td><td>Install 4 “Flyaway” springs and turn adjusters in 5 turns. ☐</td></tr>
<tr><td>32</td><td>Remove Stay Plates and Separate bodies.
Galvanic Corrosion level - Low/Medium/High
Difficulty separating - Low/Medium/High</td><td>Polish Stay Plates. ☐
Clean polish and lube connecting rods. ☐</td></tr>
<tr><td>33</td><td>Capture 4 Vibration dampener Springs. ☐</td><td>Install 4 Vibration dampener Springs. ☐</td></tr>
<tr><td>34</td><td>Remove 6 Air Cut Valves ☐</td><td>Install new jet O-rings. ☐
Install new Nose O-rings. ☐
Install new screws. ☐
Install new vacuum tubing. ☐</td></tr>
<tr><td>35</td><td>Function Test Air Cut Valves.<table><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></td><td></td></tr>
<tr><td>36</td><td>Remove 6 Enrichment Plungers. ☐</td><td>Install 6 Enrichment Plungers. ☐</td></tr>
</table>

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37	**Remove O-rings & Gaskets** Bowl gaskets 6 __ Fuel rail tees 4 __ Fuel rail tubes 4 __ Air Rail Tees 4 __ Air Rail Tubes 4 __ Main Needle Holder 6 __ Bowl Drain Screws 6 __ ACV jets 12 __ ACV nose 6 __	
38	Idle Adjustment Knob	Lubricate the Idle adjustment with Never-Seeze. ☐