

|  |                                    | <b>1</b>         | <b>2</b>       | <b>3</b>        |           |
|--|------------------------------------|------------------|----------------|-----------------|-----------|
| <b>1 Identification</b>                            |                                    | 27295            | 23015          | 27294           | <b>1</b>  |
| <b>2 Model</b>                                     |                                    | <b>R1150 GS</b>  | <b>R1150 R</b> | <b>R1150 RS</b> | <b>2</b>  |
| <b>3</b>   |                                    | <b>Adventure</b> |                |                 | <b>3</b>  |
| <b>4</b>   |                                    |                  |                |                 | <b>4</b>  |
| <b>5 Engine specially tuned for:</b>               |                                    |                  |                |                 | <b>5</b>  |
| <b>6 Year</b>                                      |                                    | <b>2002-03</b>   | <b>2001-03</b> | <b>2002-03</b>  | <b>6</b>  |
| <b>7 Engine</b>                                    | Code                               | —                | —              | —               | <b>7</b>  |
| <b>8 Capacity/cylinders</b>                        | cc/cyl.                            | 1130/2           | 1130/2         | 1130/2          | <b>8</b>  |
| <b>9 Output</b>                                    | hp/rpm                             | 85/6750          | 85/6750        | 95/7250         | <b>9</b>  |
| <b>10 Bore/Stroke</b>                              | mm                                 | 101/70.5         | 101/70.5       | 101/70.5        | <b>10</b> |
| <b>11 Fuel grade</b>                               | RON                                | 95               | 95             | 95              | <b>11</b> |
| <b>12 2 or 4 stroke</b>                            |                                    | 4                | 4              | 4               | <b>12</b> |
| <b>13 Valve clearance - Inlet</b>                  | <sup>1</sup> / <sub>1000</sub> in. | 6 cold           | 6 cold         | 6 cold          | <b>13</b> |
| <b>14 - Exhaust</b>                                | <sup>1</sup> / <sub>1000</sub> in. | 11 cold          | 12 cold        | 11 cold         | <b>14</b> |
| <b>15 Compression pressure</b>                     | psi                                | 123-145          | —              | 123-145         | <b>15</b> |
| <b>16 Oil pressure</b>                             | psi/rpm                            | 50.7-87          | 50-85          | 50.7-87         | <b>16</b> |
| <b>17 Ignition system</b>                          | <b>Type</b>                        | Map-h            | Map-h          | Map-h           | <b>17</b> |
| <b>18 Coil - primary resistance</b>                | Ω                                  | 0.5              | 0.5            | 0.5             | <b>18</b> |
| <b>19 - secondary resistance</b>                   | Ω                                  | 13000            | 13000          | 7500            | <b>19</b> |
| <b>20 Pick-up coil resistance</b>                  | Ω                                  | —                | —              | —               | <b>20</b> |
| <b>21 Pick-up/contact breaker gap</b>              | <sup>1</sup> / <sub>1000</sub> in. | —                | —              | —               | <b>21</b> |
| <b>22 Firing order</b>                             |                                    | 1-2              | 1-2            | 1-2             | <b>22</b> |
| <b>23 Cylinder layout - see inside front cover</b> |                                    | <b>P</b>         | <b>P</b>       | <b>P</b>        | <b>23</b> |
| <b>24 Ignition timing BTDC - basic</b>             | °Engine/rpm                        | —                | —              | —               | <b>24</b> |
| <b>25 - static</b>                                 | °Engine/in.                        | —                | 0              | —               | <b>25</b> |
| <b>26 Ignition advance - maximum</b>               | °Engine/rpm                        | —                | —              | —               | <b>26</b> |
| <b>27 Spark plugs</b>                              | <b>Make</b>                        | Bosch            | Bosch          | NGK             | <b>27</b> |
| <b>28</b>  | Type                               | FR6DC            | FR6DC          | BKR7EKC         | <b>28</b> |
| <b>29 Gap</b>                                      | <sup>1</sup> / <sub>1000</sub> in. | 31               | 32             | 31              | <b>29</b> |
| <b>30</b>  | Make                               | Champion         | Champion       | —               | <b>30</b> |
| <b>31</b>  | Type                               | RC7YCC           | RC7YCC         | —               | <b>31</b> |
| <b>32 Gap</b>                                      | <sup>1</sup> / <sub>1000</sub> in. | 31               | 32             | —               | <b>32</b> |
| <b>33</b>  | Make                               | NGK              | NGK            | —               | <b>33</b> |
| <b>34</b>  | Type                               | BCP7ET           | BCP7ET         | —               | <b>34</b> |
| <b>35 Gap</b>                                      | <sup>1</sup> / <sub>1000</sub> in. | 31               | 32             | —               | <b>35</b> |
| <b>36 Carburetor/Injection System</b>              | <b>Make</b>                        | Bosch            | Bosch          | Bosch           | <b>36</b> |
| <b>37</b>  | Type                               | Motronic 2.4     | Motronic 2.4   | Motronic 2.4    | <b>37</b> |
| <b>38 Idle speed</b>                               | rpm                                | 1000-1150        | 1000-1150      | 1100±50         | <b>38</b> |
| <b>39 CO content</b>                               | Vol.%                              | 1.5±0.5          | 1.5±0.5        | 1.5±0.5         | <b>39</b> |
| <b>40 Main jet</b>                                 |                                    | —                | —              | —               | <b>40</b> |
| <b>41 Needle jet</b>                               |                                    | —                | —              | —               | <b>41</b> |
| <b>42 Idle jet</b>                                 |                                    | —                | —              | —               | <b>42</b> |
| <b>43 Needle type/position</b>                     |                                    | —                | —              | —               | <b>43</b> |
| <b>44 Pilot screw opening</b>                      | No. of turns                       | —                | —              | —               | <b>44</b> |
| <b>45 Float level</b>                              | in.                                | —                | —              | —               | <b>45</b> |
| <b>46 Fuel level</b>                               | in.                                | —                | —              | —               | <b>46</b> |
| <b>47 Battery and charging</b>                     |                                    |                  |                |                 | <b>47</b> |
| <b>48 Alternator output - maximum</b>              | A/rpm                              | 50/4000          | 50/4000        | 50/4000         | <b>48</b> |
| <b>49 Regulated voltage</b>                        | V/rpm                              | 14/4000          | 14/4000        | 14/4000         | <b>49</b> |
| <b>50 Battery</b>                                  | Type                               | —                | —              | —               | <b>50</b> |
| <b>51 voltage/capacity</b>                         | V/Ah                               | 12/14            | 12/14          | 12/14           | <b>51</b> |
| <b>52 Notes</b>                                    |                                    | —                | —              | —               | <b>52</b> |
| <b>53</b>  |                                    | —                | —              | —               | <b>53</b> |
| <b>54</b>  |                                    | —                | —              | —               | <b>54</b> |

|            |  |                    | <b>1</b>            | <b>2</b>                 | <b>3</b>            |            |
|------------|--|--------------------|---------------------|--------------------------|---------------------|------------|
| <b>55</b>  | <b>Filling capacities (service refill)</b> |                    |                     |                          |                     | <b>55</b>  |
| 56         | Engine oil - grade                         | SAE                | 10W/40              | 10W/40                   | 10W/40              | 56         |
| 57         | - classification                           | API                | SH                  | SH                       | SH                  | 57         |
| 58         | Engine oil with filter                     | qts.               | 3.96                | 3.9                      | 3.96                | 58         |
| 59         | Gearbox oil grade                          | SAE                | 80W/90              | 80W/90                   | 80W/90              | 59         |
| 60         |  | qts.               | 0.84                | 0.84                     | 0.84                | 60         |
| 61         | Final drive oil grade                      | SAE                | 80W/90              | 80W/90                   | 80W/90              | 61         |
| 62         |  | fl. oz.            | 8.7                 | 8.84                     | 8.7                 | 62         |
| 63         | Rear swing arm (driveshaft) oil grade      | SAE                | —                   | —                        | —                   | 63         |
| 64         |  | qts.               | —                   | —                        | —                   | 64         |
| 65         | Cooling system                             | qts.               | —                   | —                        | —                   | 65         |
| 66         | Two-stroke oil                             | Type/mix:1         | —                   | —                        | —                   | 66         |
| 67         | Front forks oil                            | SAE                | BMW                 | —                        | BMW                 | 67         |
| 68         |  | LH/RH              | 15.8/15.8 fl. oz.   | 15.9/15.9 fl. oz.        | 15.8/15.8 fl. oz.   | 68         |
| 69         | Fork oil seal                              | size               | —                   | —                        | —                   | 69         |
| <b>70</b>  | <b>Clutch</b>                              |                    |                     |                          |                     | <b>70</b>  |
| 71         | Control lever free play                    | in.                | —                   | 0.08±0.02                | —                   | 71         |
| 72         | Release lever free play                    | in.                | —                   | —                        | —                   | 72         |
| <b>73</b>  | <b>Final drive chain/belt</b>              |                    | <b>Make</b>         |                          |                     | <b>73</b>  |
| 74         |  | Type               | —                   | —                        | —                   | 74         |
| 75         | Number of links                            |                    | —                   | —                        | —                   | 75         |
| 76         | Free play                                  | in.                | —                   | —                        | —                   | 76         |
| 77         | Link size                                  | pitch x width/type | —                   | —                        | —                   | 77         |
| 78         | Stretch limit                              | in/links           | —                   | —                        | —                   | 78         |
| 79         | Front/rear sprocket                        | No. of teeth       | —                   | —                        | —                   | 79         |
| <b>80</b>  | <b>Tires</b>                               |                    |                     |                          |                     | <b>80</b>  |
| 81         | Front tire                                 | size               | 110/80 ZR19         | 120/70 ZR17              | 120/70 ZR17         | 81         |
| 82         | Pressure solo/pillion                      | psi                | 31/36               | 31/36                    | 31/36               | 82         |
| 83         | Rear tire                                  | size               | 150/70 ZR17         | 170/60 ZR17              | 170/60 ZR17         | 83         |
| 84         | Pressure solo/pillion                      | psi                | 36/38               | 36/38                    | 36/42               | 84         |
| <b>85</b>  | <b>Tightening Torques</b>                  |                    |                     |                          |                     | <b>85</b>  |
| 86         | Cylinder head                              | Stage 1            | 14 ft. lbs.         | 14 ft. lbs.              | 14 ft. lbs.         | 86         |
| 87         |  | Stage 2            | 90°                 | 90°                      | 90°                 | 87         |
| 88         |  | Stage 3            | 90°                 | 90°                      | 90°                 | 88         |
| 89         |  | Stage 4            | Run for 600 miles   | Run for 600 miles        | Run for 600 miles   | 89         |
| 90         |  | Stage 5            | Loosen              | Loosen                   | Loosen              | 90         |
| 91         |  | Stage 6            | 180° <sup>1</sup>   | 14 ft. lbs. <sup>1</sup> | 180° <sup>1</sup>   | 91         |
| 92         | Cam cover                                  | Stage 1            | 6 ft. lbs.          | 6 ft. lbs.               | 6 ft. lbs.          | 92         |
| 93         |  | Stage 2            | —                   | —                        | —                   | 93         |
| 94         | Magneto/flywheel                           |                    | 30 ft. lbs.+30°     | 29 ft. lbs.+30°          | 30 ft. lbs.+30°     | 94         |
| 95         | Camshaft sprocket                          |                    | 48 ft. lbs.         | 47 ft. lbs.              | 48 ft. lbs.         | 95         |
| 96         | Crankshaft sprocket/gear                   |                    | 52 ft. lbs.         | 51 ft. lbs.              | 52 ft. lbs.         | 96         |
| 97         | Clutch hub                                 | Stage 1            | —                   | —                        | —                   | 97         |
| 98         |  | Stage 2            | —                   | —                        | —                   | 98         |
| 99         | Spark plugs                                |                    | 18 ft. lbs.         | 18 ft. lbs.              | 18 ft. lbs.         | 99         |
| 100        | Wheel spindle/wheel nut                    | front              | 22 ft. lbs.         | 22 ft. lbs.              | 22 ft. lbs.         | 100        |
| 101        |  | rear               | 77 ft. lbs.         | 76 ft. lbs.              | 77 ft. lbs.         | 101        |
| 102        | Wheel spindle clamp                        | front              | 16 ft. lbs.         | 15 ft. lbs.              | 16 ft. lbs.         | 102        |
| 103        |  | rear               | —                   | —                        | —                   | 103        |
| 104        | Bike curb weight                           | lbs.               | 557.7               | 525                      | 615                 | 104        |
| <b>105</b> | <b>Notes</b>                               |                    | <sup>1</sup> 7)180° | <sup>1</sup> 7)180°      | <sup>1</sup> 7)180° | <b>105</b> |
| 106        |  |                    | M10=30 ft. lbs.     | M10=29 ft. lbs.          | M10=30 ft. lbs.     | 106        |
| 107        |  |                    | —                   | —                        | —                   | 107        |
| 108        |  |                    | —                   | —                        | —                   | 108        |

|  |                                    | <b>1</b>        | <b>2</b>        | <b>3</b>       |           |
|--|------------------------------------|-----------------|-----------------|----------------|-----------|
| <b>1 Identification</b>                            |                                    | 23016           | 27297           | 23014          | <b>1</b>  |
| <b>2 Model</b>                                     |                                    | <b>R1150 RT</b> | <b>R1150 RT</b> | <b>R1200 C</b> | <b>2</b>  |
| <b>3</b>   |                                    |                 |                 |                | <b>3</b>  |
| <b>4</b>   |                                    |                 |                 |                | <b>4</b>  |
| <b>5 Engine specially tuned for:</b>               |                                    |                 |                 |                | <b>5</b>  |
| <b>6 Year</b>                                      |                                    | <b>2001-02</b>  | <b>2002-03</b>  | <b>1997-03</b> | <b>6</b>  |
| <b>7 Engine</b>                                    | Code                               | —               | —               | —              | <b>7</b>  |
| <b>8 Capacity/cylinders</b>                        | cc/cyl.                            | 1130/2          | 1130/2          | 1170/2         | <b>8</b>  |
| <b>9 Output</b>                                    | hp/rpm                             | 95/7250         | 95/7250         | 61/5000        | <b>9</b>  |
| <b>10 Bore/Stroke</b>                              | mm                                 | 101/70.5        | 101/70.5        | 101/73         | <b>10</b> |
| <b>11 Fuel grade</b>                               | RON                                | 95              | 95              | 95             | <b>11</b> |
| <b>12 2 or 4 stroke</b>                            |                                    | 4               | 4               | 4              | <b>12</b> |
| <b>13 Valve clearance - Inlet</b>                  | <sup>1</sup> / <sub>1000</sub> in. | 6 cold          | 6 cold          | 6 cold         | <b>13</b> |
| <b>14 - Exhaust</b>                                | <sup>1</sup> / <sub>1000</sub> in. | 12 cold         | 11 cold         | 12 cold        | <b>14</b> |
| <b>15 Compression pressure</b>                     | psi                                | —               | 123-145         | —              | <b>15</b> |
| <b>16 Oil pressure</b>                             | psi/rpm                            | 50-85           | 50.7-87         | —              | <b>16</b> |
| <b>17 Ignition system</b>                          | Type                               | Map-h           | Map-h           | Map-h          | <b>17</b> |
| <b>18 Coil - primary resistance</b>                | Ω                                  | 0.5             | 0.5             | 0.5            | <b>18</b> |
| <b>19 - secondary resistance</b>                   | Ω                                  | 13000           | 7500            | 13300          | <b>19</b> |
| <b>20 Pick-up coil resistance</b>                  | Ω                                  | —               | —               | —              | <b>20</b> |
| <b>21 Pick-up/contact breaker gap</b>              | <sup>1</sup> / <sub>1000</sub> in. | —               | —               | —              | <b>21</b> |
| <b>22 Firing order</b>                             |                                    | 1-2             | 1-2             | 1-2            | <b>22</b> |
| <b>23 Cylinder layout - see inside front cover</b> |                                    | <b>P</b>        | <b>P</b>        | <b>P</b>       | <b>23</b> |
| <b>24 Ignition timing BTDC - basic</b>             | °Engine/rpm                        | —               | —               | —              | <b>24</b> |
| <b>25 - static</b>                                 | °Engine/in.                        | 0               | —               | 0              | <b>25</b> |
| <b>26 Ignition advance - maximum</b>               | °Engine/rpm                        | —               | —               | —              | <b>26</b> |
| <b>27 Spark plugs</b>                              | Make                               | Bosch           | NGK             | Bosch          | <b>27</b> |
| <b>28</b>  | Type                               | FR6DC           | BKR7EKC         | FR6DDC         | <b>28</b> |
| <b>29 Gap</b>                                      | <sup>1</sup> / <sub>1000</sub> in. | 32              | 31              | 32-40          | <b>29</b> |
| <b>30</b>  | Make                               | Champion        | —               | —              | <b>30</b> |
| <b>31</b>  | Type                               | RC7YCC          | —               | —              | <b>31</b> |
| <b>32 Gap</b>                                      | <sup>1</sup> / <sub>1000</sub> in. | 32              | —               | —              | <b>32</b> |
| <b>33</b>  | Make                               | NGK             | —               | —              | <b>33</b> |
| <b>34</b>  | Type                               | BCP7ET          | —               | —              | <b>34</b> |
| <b>35 Gap</b>                                      | <sup>1</sup> / <sub>1000</sub> in. | 32              | —               | —              | <b>35</b> |
| <b>36 Carburetor/Injection System</b>              | Make                               | Bosch           | Bosch           | Bosch          | <b>36</b> |
| <b>37</b>  | Type                               | Motronic 2.4    | Motronic 2.4    | Motronic       | <b>37</b> |
| <b>38 Idle speed</b>                               | rpm                                | 1000-1150       | 1000-1150       | 750-900        | <b>38</b> |
| <b>39 CO content</b>                               | Vol.%                              | 1.5±0.5         | 1.5±0.5         | —              | <b>39</b> |
| <b>40 Main jet</b>                                 |                                    | —               | —               | —              | <b>40</b> |
| <b>41 Needle jet</b>                               |                                    | —               | —               | —              | <b>41</b> |
| <b>42 Idle jet</b>                                 |                                    | —               | —               | —              | <b>42</b> |
| <b>43 Needle type/position</b>                     |                                    | —               | —               | —              | <b>43</b> |
| <b>44 Pilot screw opening</b>                      | No. of turns                       | —               | —               | —              | <b>44</b> |
| <b>45 Float level</b>                              | in.                                | —               | —               | —              | <b>45</b> |
| <b>46 Fuel level</b>                               | in.                                | —               | —               | —              | <b>46</b> |
| <b>47 Battery and charging</b>                     |                                    |                 |                 |                | <b>47</b> |
| <b>48 Alternator output - maximum</b>              | A/rpm                              | 50/4000         | 50/4000         | 50/4000        | <b>48</b> |
| <b>49 Regulated voltage</b>                        | V/rpm                              | 14/4000         | 14/4000         | 14/4000        | <b>49</b> |
| <b>50 Battery</b>                                  | Type                               | —               | —               | —              | <b>50</b> |
| <b>51 voltage/capacity</b>                         | V/Ah                               | 12/14           | 12/14           | 12/19          | <b>51</b> |
| <b>52 Notes</b>                                    |                                    | —               | —               | —              | <b>52</b> |
| <b>53</b>  |                                    | —               | —               | —              | <b>53</b> |
| <b>54</b>  |                                    | —               | —               | —              | <b>54</b> |

|     |  | <b>1</b>                         | <b>2</b>                 | <b>3</b>          |     |
|-----|--|----------------------------------|--------------------------|-------------------|-----|
| 55  | <b>Filling capacities (service refill)</b> |                                  |                          |                   | 55  |
| 56  | Engine oil - grade                         | SAE 10W/40                       | 10W/40                   | 10W/40            | 56  |
| 57  | - classification                           | API SH                           | SH                       | SG                | 57  |
| 58  | Engine oil with filter                     | qts. 3.9                         | 3.96                     | 3.9               | 58  |
| 59  | Gearbox oil grade                          | SAE 80W/90                       | 80W/90                   | 90                | 59  |
| 60  |  | qts. 0.84                        | 0.84                     | 0.84              | 60  |
| 61  | Final drive oil grade                      | SAE 80W/90                       | 80W/90                   | 90                | 61  |
| 62  |  | fl. oz. 8.84                     | 8.7                      | 7.8               | 62  |
| 63  | Rear swing arm (driveshaft) oil grade      | SAE -                            | -                        | -                 | 63  |
| 64  |  | qts. -                           | -                        | -                 | 64  |
| 65  | Cooling system                             | qts. -                           | -                        | -                 | 65  |
| 66  | Two-stroke oil                             | Type/mix:1 -                     | -                        | -                 | 66  |
| 67  | Front forks oil                            | SAE -                            | BMW                      | 10                | 67  |
| 68  |  | LH/RH 15.9/15.9 fl. oz.          | 15.2/15.2 fl. oz.        | 15.9/15.9 fl. oz. | 68  |
| 69  | Fork oil seal                              | size -                           | -                        | -                 | 69  |
| 70  | <b>Clutch</b>                              |                                  |                          |                   | 70  |
| 71  | Control lever free play                    | in. 0.08±0.02                    | -                        | -                 | 71  |
| 72  | Release lever free play                    | in. -                            | -                        | -                 | 72  |
| 73  | <b>Final drive chain/belt</b>              | <b>Make</b>                      |                          |                   | 73  |
| 74  |  | Type                             |                          |                   | 74  |
| 75  | Number of links                            | -                                | -                        | -                 | 75  |
| 76  | Free play                                  | in. -                            | -                        | -                 | 76  |
| 77  | Link size                                  | pitch x width/type -             | -                        | -                 | 77  |
| 78  | Stretch limit                              | in/links -                       | -                        | -                 | 78  |
| 79  | Front/rear sprocket                        | No. of teeth -                   | -                        | -                 | 79  |
| 80  | <b>Tires</b>                               |                                  |                          |                   | 80  |
| 81  | Front tire                                 | size 120/70 ZR17                 | 120/70 ZR17              | 100/90-18 56H     | 81  |
| 82  | Pressure solo/pillion                      | psi 31/36                        | 31/36                    | -                 | 82  |
| 83  | Rear tire                                  | size 170/60 ZR17                 | 170/60 ZR17              | 170/80 B15 83H    | 83  |
| 84  | Pressure solo/pillion                      | psi 36/38                        | 36/38                    | -                 | 84  |
| 85  | <b>Tightening Torques</b>                  |                                  |                          |                   | 85  |
| 86  | Cylinder head                              | Stage 1 14 ft. lbs.              | 14 ft. lbs.              | 14 ft. lbs.       | 86  |
| 87  |  | Stage 2 90°                      | 90°                      | 180°              | 87  |
| 88  |  | Stage 3 90°                      | 90°                      | M10=29 ft. lbs.   | 88  |
| 89  |  | Stage 4 Run for 600 miles        | Run for 600 miles        | -                 | 89  |
| 90  |  | Stage 5 Loosen                   | Loosen                   | -                 | 90  |
| 91  |  | Stage 6 14 ft. lbs. <sup>1</sup> | 14 ft. lbs. <sup>1</sup> | -                 | 91  |
| 92  | Cam cover                                  | Stage 1 6 ft. lbs.               | 6 ft. lbs.               | 6 ft. lbs.        | 92  |
| 93  |  | Stage 2 -                        | -                        | -                 | 93  |
| 94  | Magneto/flywheel                           | 29 ft. lbs.+30°                  | 30 ft. lbs.+30°          | -                 | 94  |
| 95  | Camshaft sprocket                          | 47 ft. lbs.                      | 48 ft. lbs.              | -                 | 95  |
| 96  | Crankshaft sprocket/gear                   | 51 ft. lbs.                      | 52 ft. lbs.              | -                 | 96  |
| 97  | Clutch hub                                 | Stage 1 -                        | -                        | -                 | 97  |
| 98  |  | Stage 2 -                        | -                        | -                 | 98  |
| 99  | Spark plugs                                | 18 ft. lbs.                      | 18 ft. lbs.              | 14 ft. lbs.       | 99  |
| 100 | Wheel spindle/wheel nut                    | front 22 ft. lbs.                | 22 ft. lbs.              | 22 ft. lbs.       | 100 |
| 101 |  | rear 76 ft. lbs.                 | 77 ft. lbs.              | 76 ft. lbs.       | 101 |
| 102 | Wheel spindle clamp                        | front 15 ft. lbs.                | 16 ft. lbs.              | 14 ft. lbs.       | 102 |
| 103 |  | rear -                           | -                        | -                 | 103 |
| 104 | Bike curb weight                           | lbs. 833                         | 615                      | 564               | 104 |
| 105 | <b>Notes</b>                               | <sup>1</sup> )180°               | <sup>1</sup> )180°       | -                 | 105 |
| 106 |  | M10=29 ft. lbs.                  | M10=29 ft. lbs.          | -                 | 106 |
| 107 |  | -                                | -                        | -                 | 107 |
| 108 |  | -                                | -                        | -                 | 108 |

ft. lbs. = foot pounds  
 ° = angular torque  
 Nm conversion, see last page