

| Ignition System                                     |                                              | Item | Standard                    | Service Limit |
|-----------------------------------------------------|----------------------------------------------|------|-----------------------------|---------------|
| Spark plug                                          | (Standard NGK)                               |      | DPR8EA-9                    | _____         |
|                                                     | (Standard NIPPONDENSO)                       |      | X24EPR-U9                   | _____         |
|                                                     | (For extended high speed riding NGK)         |      | DPR9EA-9                    | _____         |
|                                                     | (For extended high speed riding NIPPONDENSO) |      | X27EPR-U9                   | _____         |
| Spark plug gap                                      |                                              |      | 0.8-0.9 mm (0.031-0.035 in) | _____         |
| Ignition timing "F" mark                            |                                              |      | 10° BTDC                    | _____         |
| Advance start                                       |                                              |      | 10°/1,500 rpm               | _____         |
| stop                                                |                                              |      | 33°/4,000 rpm               | _____         |
| Full advance                                        |                                              |      | 33°/4,000 rpm               | _____         |
| Alternator exciter coil resistance (At 20° C/68° F) |                                              |      | _____                       | _____         |
| Ignition coil resistance (Primary: at 20° C/68° F)  |                                              |      | 2.6-3.2 Ω                   | _____         |
| (Secondary with plug cap)                           |                                              |      | 18-22 kΩ                    | _____         |
| (Secondary without plug cap)                        |                                              |      | 13-17 kΩ                    | _____         |
| Pulse generator resistance (At 20° C/68° F)         |                                              |      | 297-363 Ω                   | _____         |

| Lights/Meters/Switches                                  |                              |                              |                |
|---------------------------------------------------------|------------------------------|------------------------------|----------------|
| Main fuse                                               |                              | 30A                          | _____          |
| Fuse                                                    | E, F, ED, SP, U, AR, SW<br>G | 10A×2, 15A×1<br>10A×3, 15A×1 | _____<br>_____ |
| Headlight (High/low beam)                               |                              | 12V60/55W (H4)               | _____          |
| Tail/brake light                                        |                              | 12V21/5W×2                   | _____          |
| License light                                           |                              | _____                        | _____          |
| Position light bulb                                     | E, F, ED, SP, AR, SW, G      | 12V 4W                       | _____          |
| Front turn signal/running light                         |                              | _____                        | _____          |
| Front turn signal light                                 |                              | 12V 21W×2                    | _____          |
| Rear turn signal light                                  |                              | 12V 21W×2                    | _____          |
| Instrument lights                                       |                              | 12V 3.4W×2                   | _____          |
| Oil pressure warning indicator                          |                              | 12V 1.7W                     | _____          |
| Tail/brake light warning indicator                      |                              | _____                        | _____          |
| Side stand warning indicator                            |                              | 12V 1.7W                     | _____          |
| Lom fuel indicator                                      |                              | _____                        | _____          |
| Coolant temperature indicator                           |                              | _____                        | _____          |
| Oil temperature indicator                               |                              | _____                        | _____          |
| High beam indicator                                     |                              | 12V 1.7W                     | _____          |
| Turn signal indicator                                   |                              | 12V 1.7W                     | _____          |
| Neutral indicator                                       |                              | 12V 1.7W                     | _____          |
| Revrse indicator                                        |                              | _____                        | _____          |
| Overdrive indicator                                     |                              | _____                        | _____          |
| Oil temerature sensor resistance                        |                              | _____                        | _____          |
| Fuel unit resistance (At full level)                    |                              | _____                        | _____          |
| (At low level)                                          |                              | _____                        | _____          |
| Fuel pump flow capacity (min./minute)                   |                              | _____                        | _____          |
| Coolant temperature sensor resistance (At 50° C/122° F) |                              | _____                        | _____          |
| (At 100° C/212° F)                                      |                              | _____                        | _____          |

| Starting System                    |  | Item | Standard                      | Service Limit |
|------------------------------------|--|------|-------------------------------|---------------|
| Starter driven gear O.D.           |  |      | 42.175-42.200 (1.6604-1.6614) | _____         |
| Starter clutch outer I.D.          |  |      | _____                         | _____         |
| Starter motor brush spring tension |  |      | 920 g                         | _____         |
| brush length                       |  |      | 12.5                          | 8.5 (0.33)    |