

## Mechanical Standards

The following is our Certification inspection procedure. This procedure helps insure that your Mercedes-Benz Certified Pre-Owned vehicle has been inspected and when required reconditioned to our exacting standards.

|  <b>General</b> |   |
|---|---|
| 1   | Identifiable Structural Damage Verification:<br>Check for correct body gap<br>Check gloss level, hue error and cloudiness   |
| 2   | Mileage/History Verification print and attach VMI and CARFAX report   |
| 3   | Service according to maintenance schedule OR<br>Service if within 5000 miles or 6 months of scheduled maintenance OR<br>If no recorded service history by MB Dealer then perform service including filters & fluids |
| 4   | All Recall and/or other Campaigns Performed   |
| 5   | Current Maintenance and Warranty Booklet  |
| 6   | Current Owner's Manual  |
| 7   | All Spare Keys (Including Wheel Locks if Installed)   |
| 8   | OEM Factory Windows - inspect each window for OEM Factory sticker (Refer to MBCPO Reconditioning Manual for details)  |
| 9   | Roadside Assistance Program Label Affixed   |
| 10  | MBCPO Inspection Label Affixed to B-Pillar  |
| 11  | Perform initial short test, diagnose any current DTCs, if fault code exists, print ECU log, freeze frame data and repair as SDS indicates<br>Attach printout to RO  |

|  <b>Engine Compartment and Pre-Road Test Checks</b><br>(Fluid levels must be corrected prior to road test) |   |
|--|---|
| 12   | Engine Oil  |
| 13   | Transmission Oil                                      |
| 14   | Rear Axle Oil   |
| 15   | Transfer Case Oil Level                               |
| 16   | Front Axle Oil Level                                  |
| 17   | Engine Compartment/Antifreeze Protection              |
| 18   | Power Steering Fluid                                  |
| 19   | Brake Fluid & Clutch Fluid                            |
| 20   | Windshield Washer Fluid                               |
| 21   | Level Control Oil, ADS, ASD                           |
| 22   | Battery Condition/Midtronics Test and attach printout |
| 23   | Verify functionality of any moving linkages on engine |
| 24   | AdBlue Level - check and refill                       |

|  <b>Engine Component/System - Condition Check &amp; Verification</b> |   |
|--|---|
| 25   | All Emission Control Systems in Place and Functional. Read out DTC's. Repair as Necessary |
| 26   | Fuel Filter   |
| 27   | Spark Plugs   |
| 28   | Perform Dynamic Compression Test (Vehicles over 60,000 miles)                             |
| 29   | Fuel Injection System   |

|    |   |  |
|----|---|--|
| 30 | Ignition System - During SDS Check; Including Routing of Ignition Wires (Gas) if applicable |  |
| 31 | Check for DTC 's of Pre-Glow system   |  |
| 32 | Vacuum Pump; Leak Evidence of Oil in Vacuum Line (Diesel)                                   |  |
| 33 | Boost Pressure (Diesel and Gasoline)  |  |
| 34 | Air Cleaner / Filter - Per Maintenance Schedule   |  |
| 35 | V-Belts and Poly-V Belt - Per Maintenance Schedule  |  |
| 36 | Engine Mounts   |  |
| 37 | Heating and Ventilation Dust Filter - Per Maintenance Schedule                              |  |
| 38 | Active Charcoal Filter/Pre-Filter, per maintenance schedule                                 |  |
| 39 | Recirculating Air Filter - Per Maintenance Schedule   |  |
| 40 | A/C Refrigerant Charge system, per maintenance schedule                                     |  |



## Electrical Systems and Function Test

|    |  |  |
|----|--|--|
| 41 | Fuses (Condition/Proper Rating)  |  |
| 42 | MIL Check; Indicators in Instrument Cluster  |  |
| 43 | Dash Instruments, Clock, Illumination and Dimmer Control   |  |
| 44 | Exterior Rear View Mirrors   |  |
| 45 | Exterior Mirror Fold Back  |  |
| 46 | Interior Rear View Mirror  |  |
| 47 | Automatic Dimming Rear View Mirror   |  |
| 48 | Radio, (Satellite Radio, if any) and Stereo Speaker Function   |  |
| 49 | Tire Pressure Monitoring System - if fault code exists, print ECU log, freeze frame data and repair as SDS indicates Attach printout to RO       |  |
| 50 | CD Changer / Player / DVD rear entertainment system, check functionality   |  |
| 51 | Cellular Telephone, MHI, BlueTooth - Check Functionality   |  |
| 52 | Cigarette Lighter(s)   |  |
| 53 | Voice Control System (Basic Functionality)   |  |
| 54 | Contact Dealer Support at 1-877-826-6319. The mbrace® control unit must be provisioned by Dealer Support to enable the subscription of services. |  |
| 55 | Rocker Switches; Function, Tactile Feel and LED/ Illumination  |  |
| 56 | Steering Column Adjustment and Memory  |  |
| 57 | Seat Adjustments and Memory  |  |
| 58 | Heated Seats/ Ventilated   |  |
| 59 | Front Seat Belt Extenders; (Coupe and Cabriolet)   |  |
| 60 | Front Seat Backrest Latch/Release; (Coupe and Cabriolet)   |  |
| 61 | Front Seat Backrest Latch/Release Chime/ Warning Lamp; (Coupe and Cabriolet)   |  |
| 62 | Rear Window Defroster (Check Current Draw with DMM)  |  |
| 63 | Rear Head Restraint Retraction   |  |
| 64 | Rear Window Sunshade   |  |
| 65 | Horn   |  |
| 66 | Headlamp Low / High Beam and All Exterior Lights, Check Headlight and Foglight Adjustment, After Wheel Alignment                                 |  |
| 67 | Rear seat backrest latch/ Warning Lamp   |  |
| 68 | Panorama Roof Function and Roller Shade  |  |
| 69 | Interior and Entry Lighting  |  |
| 70 | Windshield Wiper/Washer; System/Rear Window Wiper/Washer; Including Wiper Inserts, Headlamp Cleaning System                                      |  |
| 71 | Check functionality of Air-Scarf   |  |
| 72 | Check functionality of rain-sensor   |  |



## Undercarriage/Drivetrain

Note – Lower Engine Encapsulation Cover or Noise Encapsulation Cover to be Removed for Inspection; Must be Installed Prior to the Road Test.

|    |  |  |
|----|--|--|
| 73 | Drive Shaft Flex Discs, Couplings and Center Support Brg(s)  |  |
| 74 | Exhaust System/Connections/Supports  |  |
| 75 | Parking Brake and Cables   |  |
| 76 | Brake Lines  |  |
| 77 | Tire Wear (Including spare); Min. Tread Depth = 5/32 in. NOT including TWI; Record tread depth. Replace Tires and Spare regardless of remaining tread if they are older than 6 years |  |
| 78 | Inspect Wheels / Tires, Correct Tire Pressure (Tires must be DAG approved - See MBUSATIRE.com for correct tire listing for this vehicle)   |  |
| 79 | Check Wheel Bolt Torque  |  |
| 80 | Perform wheel alignment check and perform alignment if needed  |  |
| 81 | Brake Rotors/Pads (Minimum of 50% Pad Material) Measure brake rotors, record results   |  |
| 82 | Shock Absorber/Damper Struts   |  |
| 83 | Suspension Inspection  |  |
| 84 | Self-Leveling Suspension   |  |
| 85 | Front/Rear Axle Rubber Mounts/Bushings   |  |
| 86 | Check Steering Play  |  |
| 87 | Tighten Steering Gear Bolts, for 463   |  |
| 88 | Front Axle Ball Joints   |  |
| 89 | Steering Shock FOR 463   |  |



## Chassis/Body

|     |  |  |
|-----|--|--|
| 90  | Body Structure Inspection  |  |
| 91  | Glass, Lamp Frames and Lenses  |  |
| 92  | Central Locking System Function Test (Interior/Exterior)   |  |
| 93  | Mechanical Locking with All Keys at All Points   |  |
| 94  | Alarm System Function  |  |
| 95  | Power Window Operation from All Points (Including Lock-Out)  |  |
| 96  | One Touch and Convenience Closing  |  |
| 97  | Interior Trim; Inspect Dash, Door Panels, Seat Covers, Wood, Etc.  |  |
| 98  | First Aid Kit - Inspect and replace if inner bag has been opened, check for expiration date and replace if necessary |  |
| 99  | Multi-contour Seats. (Function Check with Engine Running)  |  |
| 100 | Seat Belts – Condition/Operation   |  |
| 101 | Front Seat Belt Height Adjustment  |  |
| 102 | Front Seat Center Armrest (and Hinge)  |  |
| 103 | Front Sun Visor/Vanity Mirror, Rear Vanity Mirror (if equipped) Operation/Illumination                               |  |
| 104 | Roll Bar / Pop-up Headrest   |  |
| 105 | Parktronic (if available)  |  |
| 106 | Soft Top & Seals; Condition/Operation  |  |
| 107 | AIRCAP - Check operation of switches and proper movement according to vehicle specifications                         |  |
| 108 | Door/Trunk Lid Closing Assist  |  |
| 109 | Trunk Release  |  |
| 110 | Tailgate Closing Assist  |  |
| 111 | Rear Facing Third Seat (Station Wagon)   |  |
| 112 | Door/Trunk/Tailgate Seals; Inspect Drains  |  |
| 113 | Sliding Roof Function Drains and Headliner   |  |
| 114 | Inspect Glass Roof for Scratches/Corrective Action   |  |



## Road Test

|     |  |  |
|-----|--|--|
| 115 | Instruments  |  |
| 116 | Speedometer/Odometer/Tripmeter   |  |
| 117 | Steering/Vehicle Handling/Centered Steering Wheel                                    |  |
| 118 | Braking System Performance, Parking Brake Operation                                  |  |
| 119 | Climate Control - Function / Regulation / Display, Check for Bad Odors in A/C System |  |
| 120 | Cruise Control – Function (Set, Accel, Decel, Resume & Off)                          |  |
| 121 | Verify Navigation Function   |  |
| 122 | Verify Distronic-Function  |  |
| 123 | Engine Performance   |  |
| 124 | Excessive Exhaust Smoke (Diesel)   |  |
| 125 | Vibration and Noise (Drivetrain/Wheels)  |  |
| 126 | Transmission Shifting – (Upshift/ Downshift Quality & Kickdown)                      |  |
| 127 | Shift Lock Operation   |  |
| 128 | Wind Noise   |  |



## Post-Road Test Inspection

|     |                                  |  |
|-----|----------------------------------|--|
| 129 | Fluid Leaks – Visible Inspection |  |
| 130 | Automatic Climate Control        |  |
| 131 | All Fluid Levels (Underhood)     |  |

## Appearance Standards



### Engine

|     |                           |  |
|-----|---------------------------|--|
| 132 | Wash, then Repeat Step 20 |  |
|-----|---------------------------|--|



### Trunk

|     |   |  |
|-----|---|--|
| 133 | Mat   |  |
| 134 | Paint   |  |
| 135 | Spare Tire, Tools & Jack. Check tire fit sealant expiration date and replace if date is expired |  |
| 136 | Moisture and Odor   |  |
| 137 | Vacuum and Shampoo  |  |



### Interior

|     |   |  |
|-----|---|--|
| 138 | Floor Mats                              |  |
| 139 | Carpet                                  |  |
| 140 | Upholstery                              |  |
| 141 | Headliner, Door Panels                  |  |
| 142 | Buttons Knobs & Vents, Instrument Panel |  |

|     |  |  |
|-----|--|--|
| 143 | Glass and Mirrors                                  |  |
| 144 | Wood & Chrome Trim                                 |  |
| 145 | Vacuum and Shampoo                                 |  |
| 146 | Screws   |  |
| 147 | Ashtrays   |  |
| 148 | De-Grease Door Jamb, Hinges, Kickpanels and Visors |  |
| 149 | Moisture and Odor                                  |  |



## Exterior

|     |                           |  |
|-----|---------------------------|--|
| 150 | Dings, Dents, & Scratches |  |
| 151 | Examine Paint             |  |
| 152 | Examine & Clean Chrome    |  |
| 153 | Glass and Mirror Housing  |  |
| 154 | Grille                    |  |
| 155 | Lamp Lenses               |  |
| 156 | Badges                    |  |
| 157 | Trim and Moldings         |  |
| 158 | Wipers                    |  |
| 159 | Bumpers                   |  |
| 160 | Door Edges, Frames        |  |
| 161 | Wash and Wax              |  |



## Wheels

|     |                      |  |
|-----|----------------------|--|
| 162 | Scuffs and Scratches |  |
| 163 | Cuts and Gouges      |  |
| 164 | Wash and Polish      |  |