



Mercedes-Benz

# Pre-Delivery Inspection Model Year 2021

257 CLS-Class CLS450 CLS450-45 AMG CLS53

Dealer: \_\_\_\_\_ Technician: \_\_\_\_\_ Repair Order: \_\_\_\_\_

VIN: \_\_\_\_\_ Stock #: \_\_\_\_\_ Date: \_\_\_\_\_

**FIT AND APPEARANCE:** Where referenced, this refers to checking for dirt, damage, scratches, blemishes, dents, uneven gaps, and poor fit

**FUNCTION:** Where referenced, this refers to checking for proper operation, good performance, illumination, and quiet, smooth operation (as applicable)

<sup>1)</sup> **CAUTION!** Hybrid training must be completed prior to performing hybrid PDI\*

<b>PRIOR TO PDI</b>	OK ✓
Verify that all recall/service campaigns have been performed	
<b>EXTERIOR INSPECTION</b>	OK ✓
<b>Walk-around</b>	
<b>Exterior protection:</b> Remove protection/ wrap guard before expiration	
<b>Label Verification:</b> Visual Inspection for Monroney (MSRP) Label and Parts Content/SMOG Index Label; For vehicles retailed in the state of N.J., please remove G. Daimler sticker from windshield.	
<b>Body panels:</b> No scratches, dents, gaps, poor fit	
<b>Exterior features:</b> No scratches, blemishes, poor fit (bumper covers, grill, bump strips, mirrors, exterior lights, antennas)	
<b>Window glass:</b> No scratches, chips, cracks, distortion	
<b>SmartKey &amp; Keyless Go:</b> For both keys, function of lock & unlock (at each door)/ trunk release/ panic/ summer open & convenience close (full range of motion windows/ sunroof)	
<b>Wheels and Tires</b>	
<b>Tires:</b> Correct tire pressure (as on fuel tank door); Inspect for damage; Confirm same manufacturer for all tires (except spare)	
<b>Wheels:</b> Torque wheel bolts to required specs; Inspect rims for damage	
<b>Trunk</b>	
<b>Trunk features:</b> Function of trunk illumination/ emergency trunk release/ electronic closing & locking features	
<b>Tool kit &amp; spare tire:</b> Verify proper installation of vehicle jack/ tool kit/ spare tire	
<b>Trunk contents:</b> Place first aid kit, sunroof crank, head restraint reset tool in appropriate locations, and owner's portfolio in glove box	
<b>Under Hood</b>	
<b>Engine bay:</b> Install hood star; Inspect for any leaks or damage; Hose and wire harness routing/ clamps & fasteners/ electrical grounds	
<b>Fluids:</b> Fluid levels (check with engine at operating temperature [engine oil, brake fluid, engine coolant, hybrid system coolant, washer fluid, power steering fluid]); Correct as necessary	
<b>Battery charger:</b> Connect battery charger to main battery for Interior Inspection (under-hood contact points)	
<b>INTERIOR INSPECTION</b>	OK ✓
<b>At All Positions</b>	
<b>Interior protection:</b> Remove film on gear selector/ interior protective material (except carpet, door sill, and driver seat protection)	
<b>Floor mats:</b> Verify presence and install floor mats	
<b>At Driver Seat Position</b>	
<b>Exterior lights:</b> Function of headlamps (including aim & high beams)/ turn signals/ parking lamps/ fog lamps/ brake lights/ reverse lights/ hazards	
<b>Night View Assist:</b> Function of night view system (Message displayed in instrument cluster)/ Check for dirt in infrared camera lens or glass	
<b>Instrument cluster:</b> Function of driver display/gauges/ warning lamps / rear window sunshade / rear head restraint button	
<b>Steering wheel/column:</b> Function of scrolling, select and back buttons (scroll through each menu, check time zone setting); Function of horn / Function of steering column	
<b>Windows:</b> Proper window operation (full range of motion); Auto-reverse function (w/ plastic wedge); California Cars: Prop65 Label attached to inside driver's side window (facing inward)	
<b>Door:</b> Check door for noises and operation	
<b>Head restraints:</b> Operation and adjustment of head restraints	
<b>Locks:</b> Function of lock & unlock switches (driver & passenger doors)	
<b>Seat belts:</b> Fit and appearance of seat belts; Function of retraction/ locking/ latching/ height adjustment	
<b>Attention Assist:</b> Function of Attention Assist (activate Attention Assist in the multi-function display using steering wheel controls) - Indicator lamp displays	
<b>Overhead controls:</b> Function of front & rear interior lamps/ reading lamps/ rear-view mirror/ garage door opener buttons (LED illuminates)	
<b>Sunroof:</b> Function of sunroof (incl. 1-touch open/close, auto-reverse, & pop-up)/ 1-touch open for glass panel and sunshade (panorama roof only)	
<b>Center console buttons:</b> Function of center console buttons / Function of COMAND Controller (press, turn, & slide movements); Function of COMAND display (swivel & contrast); Verify proper vehicle settings / Read out the navigation version from COMAND in Navigation view>Options>Map Content>Map Version. If an update is available, install the update on an additional Repair Order line	
<b>Seats:</b> Function of seat adjustments/ seat heating & ventilation (LED illuminates)/ memory feature/ lumbar supports/ multi-contour seat adjustments	
<b>SPLITVIEW:</b> Activate/deactivate (refer to Service Bulletin: P-B-82.85/693)	
<b>Reminder messages:</b> Audible beep & message for exterior lights on/ key in ignition; Function of seatbelt telltale lamp	

<b>Driver door switches:</b> Function of exterior mirror adjustment/ rear window lock/ trunk release/ button for passenger seat/ rear side window blinds/ fuel filler flap release (hybrid)	
<b>Seats:</b> Function of seat adjustments/ seat heating & ventilation (LED illuminates)/ memory feature/ lumbar supports/ multi-contour seat adjust	
<b>Magic sky roof <sup>2)</sup>:</b> Function of roof (adjust transparency using button)	
<b>At Rear Seat Position</b>	
<b>Windows:</b> Proper window operation (full range of motion); Auto-reverse function (w/ plastic wedge)	
<b>Door:</b> Check door for noises and operation	
<b>Seat belts:</b> Fit and appearance of seat belts; Function of retraction/ locking/ latching/ height adjustment	
<b>Head restraints:</b> Operation and adjustment of head restraints	
<b>Rear climate control:</b> Function of temperature adjustments/ air distribution & airflow adjustment/ rear air vents; Set to 72° AUTO / Rear refrigerator	
<b>Rear seat features:</b> Function of reading lamps/ front passenger seat button (passenger door)/ multi-contour adjustments/ rear side window blinds; Installation of child seat anchors / Folding table / Reclining seats / Rear seat heating/cooling / Heated/cooled cup holders	
<b>Rear seat entertainment:</b> Function of DVD player/ remote/ screens/ headphones	
<b>At Passenger Seat Position</b>	
<b>Occupant classification system:</b> Function passenger seat airbag sensor (sit in seat and observe passenger airbag indicator lamp)	
<b>Windows:</b> Proper window operation (full range of motion); Auto-reverse function (w/ plastic wedge)	
<b>Door:</b> Check door for noises and operation	
<b>Seat belts:</b> Fit and appearance of seat belts; Function of retraction/ locking/ latching/ height adjustment	
<b>Head restraints:</b> Operation and adjustment of head restraints	
<b>ROAD TEST</b>	OK ✓
<b>Keyless Go/Smart Key:</b> Check function / lock / unlock / engine starting	
<b>Telematics &amp; Climate Control</b> (outdoor & stationary, engine on)	
<b>Climate control:</b> Function of climate control system (cycle through max cool, max heat, air distribution & airflow adjustments, function of switches)/ front air vents; Set to 72° AUTO; Set airflow to 'Diffuse', footwell temperature to +/- 0, and ensure A/C compressor is not 'Off' / Warmth comfort (heated armrests) / Air Balance Package:(perfume, filtration, ionization)	
<b>AM &amp; FM radio:</b> Function of AM & FM radio/ seek/ autostore/ manual station selection; Good reception	
<b>CD/DVD changer:</b> Function of CD and DVD audio playback/ seek/ scan; Function of DVD video playback	
<b>Sound &amp; speakers:</b> Function of volume/ balance/ fade/ bass/ treble/ mute (reset all to normal settings); Function of each speaker (using audio test CD)	
<b>Satellite radio:</b> Reception of sat. radio Traffic and Weather 184 station	
<b>Voice control:</b> Proper recognition/ response to voice commands	
<b>Navigation:</b> Function of map and route guidance (Enter dealer as destination and verify route guidance during test drive) NOTE: If vehicle has GARMIN MAP PILOT then DO NOT perform this until point of sale.	
<b>Test Drive</b> (3-5 miles)	
<b>Engine start</b> with SmartKey/ Keyless Go; Engine performance (idle quality, throttle operation, power)	
<b>Noises:</b> No unusual noises from body, seats, engine, transmission, suspension, steering, brakes, tires/ wind noises (at varied speeds)	
<b>Vibrations:</b> No vibrations from tires, brakes, steering	
<b>Brakes:</b> Braking power/ pedal feel (not too soft/firm)	
<b>Steering:</b> Proper feel/ alignment/ no excessive play	
<b>Suspension:</b> Proper feel & ride quality (C drive program)	
<b>Transmission:</b> Shift quality (all gears)/ Function of gear selector lever and steering wheel gearshift control buttons(\$550)/paddles (\$63 AMG)	
<b>Transmission safety lock:</b> Function of safety lock (cannot shift out of park if key off or without foot on brake)	
<b>Cruise control:</b> Function of speed continuation/ touch acceleration & deceleration/ resume/ cancel; Function of Distronic Plus (maintains set distance and appropriate speed; brakes vehicle)	
<b>Exterior lights:</b> Function of Bi-Xenon / LED headlight / Active curve illumination / Function of cornering foglamps	
<b>Engine:</b> Start with SmartKey/ Keyless Go; Engine performance (idle quality, throttle operation, power)	
<b>Tire pressure monitor:</b> Activate tire pressure monitor; Function of tire pressure display	
<b>Electronic parking brake:</b> Function of engagement & release/ warning lamp/ emergency brake function (press and hold)	

<b>Wipers &amp; washers:</b> Function of windshield wipers & washers; Function of headlamp washers	
<b>Parktronic/ Park Assist:</b> Function of front & rear distance indicators/ audible warnings/ Parktronic off button	
<b>Reversing camera / 360° Camera:</b> Verify camera lens protection is removed; Function of screen display/ reversing guides/ parallel parking guides	
<b>Drive Dynamic seat:</b> Function of adjustments during cornering	
<b>Drive programs:</b> Function of C, S, and M (S63 AMG only) modes (transmission, engine and chassis tuning)	
<b>Activate mbrace2:</b> Select the globe icon at the top right of COMAND and then select the MB Apps tile.	
<b>Head up display:</b> Display function	
<b>MECHANICAL &amp; SYSTEMS INSPECTION</b>	OK ✓
<b>SDS Quick Test:</b> Connect battery charger; Perform Quick Test and investigate any fault codes; Attach final printed results to RO	
<b>Hybrid Battery State of Charge <sup>1)</sup>:</b> Battery charge as indicated in SDS <b>Charge level:</b> _____ % (Refer to S-B-54.10/264)	
If vehicle won't be delivered for >7 days, activate transport mode and deactivate at time of delivery	
<b>Underbody check:</b> Remove underbody panels; Check drive train/ suspension/ brakes/ rims & tires/ exhaust system for leaks, damages, and proper hydraulic line routing; Reinstall underbody panels	
<b>Lower body work:</b> No scratches, cracks, gaps, poor fit	
<b>Connectivity:</b> Check successful "information call" connection (reach voice response system) Check no "SOS Not Activated" message in IC Print actual values of telematics registration data and attach to RO	
<b>mbrace:</b> Print registration data (MIN, MDN) and attach to RO	
<b>SERVICE RECHECK (Must perform within 3 days of delivery)</b> Technician: _____ Date: _____ Salesperson **: _____ Date: _____ **Salesperson's signature required for spot deliveries	OK ✓
Verify that all recall/service campaigns have been performed	
<b>Main Battery:</b> Switch on driving lamps for 60 seconds, then perform battery test through instrument cluster; <b>Battery Voltage:</b> _____; If voltage is below 12.4 V perform Midtronics Test and attach printed results to RO; Recharge/replace as directed	
<b>Tire pressure:</b> Check pressure and correct as necessary (reset tire pressure monitor if tire pressure corrected)	
<b>Brakes:</b> Visually inspect brake discs for corrosion and correct as necessary	
<b>Wipers:</b> Install permanent windshield wipers	
<b>Floor mats:</b> Remove carpet protection and install floor mats (non-AMG)	
<b>Front license plate bracket:</b> Install front license plate bracket if required by state law	
Open roof half way. Check roof seals for excessive black sealant. Clean excess	

\*Due to the high voltage systems and components contained in the hybrid and the possibility of personal injury, only authorized/certified personnel should perform the PDI on the hybrid vehicle.

<sup>2)</sup> **CAUTION!** MBUSA High Voltage Awareness e-learning course TECH717 training must be completed prior to performing inspection on Magic Sky. Due to the high voltage components contained in the Magic Sky roof system and the possibility of personal injury, only authorized / certified personnel should perform the PDI.