MILLENNIUM

The DeLorean Motor Company Concours

Official Handbook, and Judging Sheets

DELOREAN MOTOR COMPANY

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The DeLorean Motor Company Concours

Judging Handbook, Appendices and Judging Forms

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This handbook could not have been completed in such a thorough fashion without the invaluable assistance of Leif Montin, former National Parts Manager for the original DeLorean Motor Cars of America.

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GENERAL GUIDELINES

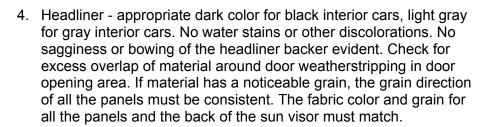
Great effort and care were taken in the creation of this handbook, but the generally undocumented history of production line changes make any "originality"-based judged competition open to some subjectiveness. Any instance in which a VIN start/end point is specified is documented by one or more factory publications or memorandums. Disputes of the accuracy of the handbook must be raised no later than two weeks prior to the event.

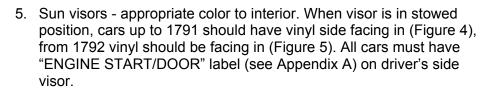
In the case of some original items, like door struts, which are a wear item and no more "exact" original replacements are available, some compromises had to be accepted. Other items, which are replaced for the sake of driveability, as in the case of clutch lines, the point deductions are minimal, and in some cases can be offset whole or in part by the presence of the original uninstalled part.

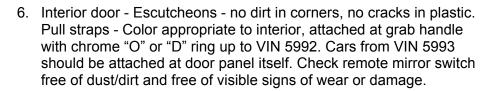
In cases where a question arises about the validity of an item on a car, or the wording/interpretation of the judging handbook, the decision of the Head Judge will be final.

SECTION ONE INTERIOR

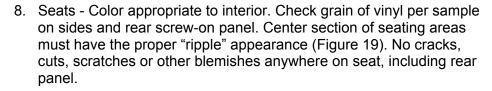
- 1. Door panels must be textured vinyl, in gray or black.
- 2. Door sill plates, no attaching screws visible, no stainless DMC letters. Free of nicks, scratches and clean in all grooves.
- Rear Side Panels, two piece construction (Figure 1) up to VIN 06092, one piece construction (Figure 2) from VIN 06093. Screw in upper rear corner, near rear window. Appropriate color armrest extension caps (Figure 3) acceptable, must be in good condition and securely affixed.







7. Rear view mirror - no cracks in mirror or frame. No discoloration in mirror, black only, MAGNATEX brand (Figure 6). No wide angle modifications acceptable.



9. Rear net. No frays in material, properly latched at all four attaching points. Must be taut and not excessively loose or stretched out.

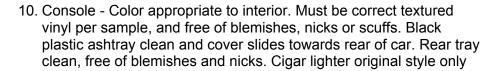




Figure 1 Rear side panel up to VIN 6092



Figure 2 Rear side panel from VIN 6093



Figure 3 Armrest extension cap



Figure 4 Sun visor up to VIN 1791



Figure 5 Sun visor from VIN 1792

(Figure 7), element end free of ash. Green illuminated ring no cracks. Check dummy switches for modification or damage. Check window switches and rear window defog switch. Check that all white control markings are clear and sharp. On manual transmission cars, shift boot in good condition, black leather, snug up to gear shift knob. Gear shift knob must be tight and be aligned in proper orientation. For automatic transmission cars, cars up to VIN 4836 have a plain shift handle (Figure 8), cars from 4837 have the DMC logo (Figure 9) shift handle. Cars up to VIN 6158 must have clock on console, lens is clear and free of scuff marks. A/C and ventilation controls - check overall condition of controls and fascia label. Radio - for cars up to VIN 10304 must have the Craig W460 radio (Figure 10). Cars from 10305 must have the ASI radio (Figure 11). Check that display is not cracked. Note different knobs and trimplate between the two radios. Center air vents must have no signs of checking/cracking and be free of dust and dirt.

- 11. Dash Pad/Binnacle Color appropriate to interior. No discolorations or cracks, particularly around speaker grilles. Check glove box lid for color match. Check for tire pressure label on inside glove box lid, no other labels permitted. Check overall condition of glove box liner, deduct for dirt/debris/damage. Owners Manual, in correct valet, permitted in glove box. 1981 owners manual identified by wire-o binding at top edge, valet is black vinyl pouch with silver lettering. 1982/1983 manual is staple bound at left edge, in black vinyl side-opening valet (Figure 12 and Figure 13). Check A-pillar trim for deformation, discoloration. Check knee pads (two short on drivers side, one long on passenger side) for correct color, color match, and correct textured grain vinyl.
- 12. Carpets Dark gray on black cars up to VIN 10579, light gray on gray cars up to 10579. Cars from VIN 10580 have a medium gray carpet, with noticeably different texture. See samples. All carpets must be correct for VIN and must match throughout interior. Molded carpet only, not stitched. Drivers side must have black plastic molded foot pad on bottom, toe pad on side (Figure 14). Check for damage behind passenger seat near battery compartment. Deduct for dirt, stains, debris or damage. Check locking storage area behind drivers seat. Compartment must have correct, matching carpet on lid and inside compartment. Compartment must be clean and empty. Bulkhead, firewall, wheel arches, and parking brake cover must match rest of interior, being free of dirt, stains, debris or damage.
- 13. Instrument cluster Only DD17XXX series VINs may have metric instrumentation. Only 85mph speedometers are acceptable. Trip reset shaft must be intact. Check that lens is free of scratches or cracks. No debris (including insects) between cluster and lens.
- 14. Pedals check that all pads are present, with no visible dirt, stains, debris or damage. Cars up to VIN 07199 may NOT have a "dead"



Figure 6 MAGNATEX rearview mirror



Figure 7 Cigar lighter



Figure 8 Automatic up to 4836



Figure 9 Automatic from 4837



Figure 10 Craig radio up to 10304



Figure 11 ASI radio from 10305

- pedal in the left side drivers footwell. All cars from VIN 10001 must have a "dead" pedal, and the pad must match that of the clutch pedal (Figure 15)
- 15. Steering wheel Only the original leather wrapped wheel as shown in Figure 16 is acceptable. Check condition of wheel and center pad for dirt, stains or damage. Check stitching to ensure that it is correct as illustrated in Figure 17.
- 16. Interior lighting Dome lights must be original and lenses must be clear and free of discoloration or signs of wear.
- 17. Seat belts Must be black original equipment belts, as identified by "Klippan" label (Figure 18). B-pillar mounting point must have black plastic washer present, and black plastic cover, black plastic sliding adjuster must be present on both sides. Belts and cover must both be free of dirt, stains, debris or damage. Latching mechanism must be operable, and free of dirt, stains, debris or damage.
- 18. Battery Must be Delco brand maintenance free battery of size group 78 with side terminals only and with hold down strap correctly threaded into buckle. Battery access cover must have three labels, Negative Ground, Battery Gases and Battery Access (see Appendix A).
- 19. Fuse box/relay compartment Fuse box cover in place, no melted fuses or inline fuses in fuse box. Original relays in place in relay compartment, including fan fail module. Presence of relay update kit and fused link or other wire link in relay compartment, deduct as noted on judging sheets.
- 20. Ignition and door keys VINs up through 4187 have separate door and ignition keys while VINs 4188 and later have single-key system. Separate door key with integrated illumination. Ignition key (or later single-key) must have molded plastic head with embossed DMC logo and "NSP" stamped near base of key. Key and molded plastic head in good condition and free of marring or wear. See Figure 20.

ACCEPTABLE DEALER INSTALLED ACCESSORIES

Optional accessories must be in good condition and free of damage or defects. Optional accessories subject to deductions as indicated.

DMC PLUSH FLOOR MATS

Part #A1000020 Black only, carpeted letters NOT embroidered. Up to (1) point may be deducted if in poor condition.

DMC SHEEPSKIN SEATCOVERS

Part #A1000100 Silver-gray only. Must have DMC logo, embossed on plastic buckles. Up to (1) points may be deducted. Seat covers must be readily removable for seat judging.



Figure 12 81 valet and manual



Figure 13 82 valet and manual



Figure 14 Correct pads for carpets



Figure 15 "Dead" pedal from 10001



Figure 16 Steering wheel



Figure 17 Correct stitching, steering wheel



Figure 18 "Klippan" seat belt label



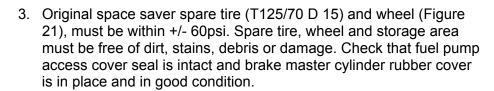
Figure 19 "Ripple" effect on seats

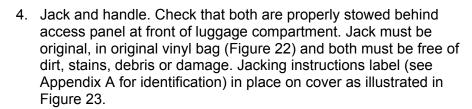


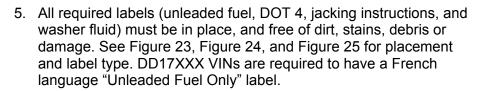
Figure 20 Door and ignition key

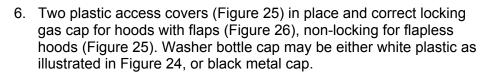
SECTION TWO LUGGAGE COMPARTMENT

- Luggage compartment release handle, release cable, and catch assembly clean and free of signs of wear. Gas struts (black with silver shaft, shaft end towards body) must hold cover in an open position.
- Carpeted mat must be black, with vinyl trimmed edging. Acceptable
 either with or without fiberboard undermat. Carpet on underside of
 cover must be firmly in place, and all carpets must be free of dirt,
 stains, debris or damage.









- 7. Weatherstripping, fender seals and edge protectors. Rubber weatherstripping on underside of hood should be free of cracks and uniform in color. Fender seals should be securely affixed, and free of dirt, stains, debris or damage. All edges of stainless steel on hood should be covered with edge protectors.
- 8. Tool kit to be unrolled and laying flat in luggage compartment for display. Tool kit must contain: pliers, 16/17mm wrench, 12/13mm wrench, 10/11mm wrench, reversible screwdriver.
- Luggage rack accessories bag may be present if luggage rack attached. Mounting bolt, hold and nut should be in place if luggage rack attached.



Figure 21 Spare stowage



Figure 22 Properly stowed jack



Figure 23 Jacking label in position



Figure 24 Washer cap/label



Figure 25 Access covers/non-locking cap



Figure 26 Locking gas cap for flap hoods

10. Hood hinges and attaching fasteners must be free of corrosion or marring. Fascia attaching fasteners must be free of corrosion or marring. '83 VIN cars may have either panhead Philips or hexhead style fasteners.

SECTION THREE ENGINE COVER AND COMPARTMENT

 Release lever must have embossed hood release symbol. Engine cover hinges must be original, black in color, no rust or chipped paint. Underside of cover must have a minimum of three labels in place (Figure 27). Emissions label (upper right) must be appropriate for VIN as indicated below:

BDXXXXX = 1981 in bottom text, and part no. 105199, with "A" or no letter, in upper left corner, 108662 with "M"

CDXXXXX = 1982 in bottom text, and part no. 110570 DDXXXXX = 1983 in bottom text, and part no. 113330

NOTE: There were three different Emission Control Information labels (see Appendix A). If a letter is in the upper right hand corner of the label, it must match the transmission type for the car (A=automatic, M=manual). A label with no letter is acceptable for either car, provided the part number corresponds with the VIN as noted above. A "High Altitude" (see Appendix A) label may be affixed to the underside of the engine cover, directly beneath the Emission Control Label in the upper right quadrant of the underside of the engine cover (Figure 28). The engine cover grills should be a uniform black color, with no oxidation or other discoloration, All 19 retaining strips, black in color, must in securely in place on the underside of the engine cover. Engine cover stay assembly (Figure 29) must be operable and hold cover in open position. Check that rubber bumpers at rear corners of engine cover are in position and in good condition. Engine cover stay hook is embedded in engine cover, not bolted through cover.

2. Engine compartment courtesy light lens is clear plastic, frame is bright white. Free of dirt, stains, debris or damage (Figure 30). Original coolant bottle, deduct for vellowing or fatigue/stress cracks. Proper label (see Appendix A), though actual placement of label may vary. Coolant bottle cap must show no sign of oxidation or discoloration and must be of design, also shown in Figure 31. Presence of metal coolant bottle instead of original, deduct as noted on judging sheets. Protective rubber cover must be in place over jump lead post. Stove pipe (Figure 32) must be bright aluminum, free of corrosion, as well as dents or holes. Note area around air cleaner clips in particular. Coil cover must be original style, and fit as well as possible, with proper jump lead starting label in like-new condition in place as shown in Figure 33. VINs from 11673 must have retaining strap around front of coil cover. Black plastic "zip-on tubing" around wire bundle at right hand side of rear fire-wall. Check condition and cleanliness of light switch bracket, all electrical connections and ignition resistors must be bright white. Oil filler cap must be black plastic and free of oil spills around base. Air Conditioner compressor must be Sankyo SD-5, with white warning label (see Appendix A) and gold Sankyo identification label (Figure 34). Black DMC logo on air cleaner cover (Figure 35). A/C



Figure 27 Engine cover & labels



Figure 28 High altitude label



Figure 29 Engine cover stay assy



Figure 30 Engine comp. Light fixture



Figure 31 Coolant bottle/cap



Figure 32 Stove pipe

compressor belt must be Goodyear 105505, in excellent condition. Alternator belt must be cogged belt, with Renault and Dayco identification markings, in excellent condition. VIN's up to 4539 must have Ducellier 80amp alternator. VIN's from 4540 must have Motorola 90amp alternator, Certain VIN's after 4540 (as noted on DMC Internal Service Bulletin 27) were fitted with the Ducellier alternator at the factory and WILL NOT have points deducted for having this alternator, providing it is in good condition. Other VINs with the Motorola alternator, deduct as noted on judging sheets. Blue purflux oil filter (LS 410A), Figure 36. All VIN's must have the throttle recall in place (Figure 37). Vinyl coated clips on the engine wiring harness are required for all VIN's from 1201, acceptable on earlier VINs. Deduct for idle adjuster plug in place (Figure 38). Deduct for non-original muffler brackets (Figure 39). Check condition of heatshields, must be free of dirt, stains, debris or damage.

AMO KAMI STANI PO

Figure 33 Coil cover



Figure 34 Sankyo A/C compressor



Figure 35 Air cleaner & label



Figure 36 Correct blue Purflux oil filter



Figure 37 Throttle recall



Figure 38 Unacceptable adj. plug



Figure 39 Incorrect bracket bottom

SAFETY CAMPAIGNS

SC-01-11/81 Safety Campaign No. RA-0001 (Recall)

Ball Joints - Stabilizer Bar Mountings - VIN #560-6650

SC-02-11/81 Safety Campaign No. RA-0001 (Recall)

Ball Joints - Stabilizer Bar Mountings

SC-03-11/81 Safety Campaign RA-0001 - Service Bulletin

SC-01-11/81Red Paint Markings - VIN 2333 to 5600

SC-04-11/81 Recall Action RA-0001 (Reissued 12/1/81)

Nuts for Ball Joints/Ball Joints Alternate Repair Procedures

SC-01-1/82 Safety Campaign RA-0002 1/22/82 Throttle Cable – Freezing

SC-03-1/82 Safety Recall Notice Supplement

Ball Joints - Stabilizer Bar Mountings. Blue Paint

SC-06-7/82 Safety Campaign No. RA-0003 (Recall)

Inertia Switch

1981 - VIN 560 - 7199 1982 - VIN 10001 - 11127

SECTION FOUR UNDERCARRIAGE

- Wheels up to VIN 1884 have grey wheels with gray wheelcaps (Figure 40). From VIN 1885 must have silver wheels with black wheel caps (Figure 41). Valve stems must be aluminum, with correct aluminum knurled cap. Wheels and caps must be free of dirt, stains, debris or damage.
- 2. Wheelwells must be clean and free of dirt, stains, debris or damage. Lip moldings must be in excellent condition, and correct.
- 3. Tires must be Goodyear NCT's, 235/60HR15 rear; 195/60HR14 front. Without excessive wear or cracking/dry rot evident. Deduct for dirt, stains, debris or damage.
- 4. Undercarriage deduct for lowered car. Shocks must be Girling (Figure 42), and free of dirt, stains, debris or damage.
- Check that "FANS MAY START" label (see Appendix A) is in place on fan cowl (Figure 43) and is in good condition. Deduct for any obvious wiring alterations or damage to fans or cowl. Inspect radiator duct for damage.
- 6. Check that radiator is free of debris and has no apparent leaks. Visible hose clamps to be of original style (Figure 38).
- 7. Verify two horns are in place, (one High note and one low note), original black plastic, "MIXO" brand.
- Check overall condition of epoxy coating on frame, deducting for chipping, cracking, or rust. Must be free of dirt, stains, debris or damage. Note condition of tie-down hooks in particular. Undercoating is acceptable, deduct as noted on judging sheets.
- 9. Check condition of paint finishes on suspension components. Must be free of dirt, stains, debris or damage.
- 10. Seatbelt anchor bolts on lower sills must have covers in place (Figure 44).
- 11. Air deflector plates in place, securely affixed, with correct attaching hardware.
- 12. On manual transmission cars, check for braided steel clutch line and deduct as noted on judging sheets.



Figure 40 Wheel/cap to VIN 1884



Figure 41 Wheel/cap from VIN 1885



Figure 42 Girling shocks



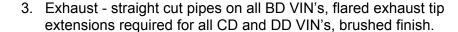
Figure 43 Fans label on cowl

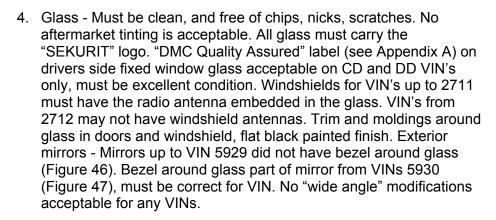


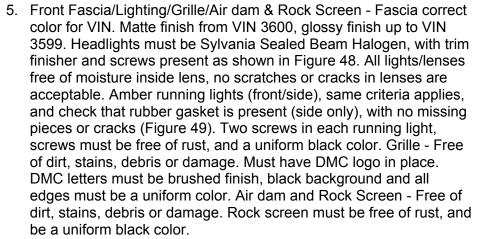
Figure 44 Seat belt anchor cover

SECTION FIVE EXTERIOR – AUTHENTICITY AND CONDITION

- All stainless steel panels must be free of flaws. Areas of particular interest are: top of door handle, left fender near fuel filler, rear edge of t-panel at louvre, edges of t-panels at doors, area surrounding door locks.
- 2. Hood must be correct for VIN. Up to 3200 had accent lines and fuel filler door, from 3201 to 7199 had accent lines, but no fuel filler door. All CD and DD VINs had neither accent lines nor fuel doors. "DeLorean" hood emblem (Figure 45) on CD and DD VIN's is acceptable. DeLorean letters must be brushed finish, black background and all edges must be a uniform color.







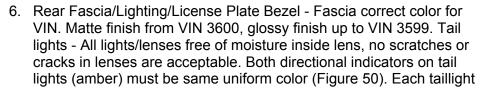




Figure 45 "DeLorean" emblem



Figure 46 Ext. mirror up to 5929



Figure 47 Ext. mirror from 5930



Figure 48 Headlights with finisher



Figure 49 Amber marker w/ gasket



Figure 50 Tail light assembly

must have all six screws, screws must be free of rust, and a uniform black color. Red running lights (side), same criteria applies, and check that rubber gasket is present, with no missing pieces or cracks (Figure 51). Two screws in each running light, screws must be free of rust, and a uniform black color. License plate bezel - a uniform black color, with no chipping or fractures. Deduct for license plate present. Visible fascia area behind bezel must be clean and color match to rest of fascia. Four screws in bezel, screws must be free of rust, and a uniform black color. License plate lights (Figure 52) must be present and free of visible dirt/dust behind lens.

- Rocker panels 12 attaching screws present and free of corrosion.
 Panels them-selves must be free of dirt, stains, debris or damage.
 Rocker panel extensions behind rear wheels must also be free of dirt, stains, debris or damage, inside and out.
- 8. Rub strips flush fit with body, excellent alignment from fender to door and door to quarter. Excellent alignment on each side of side running lights. Rub strips must have a smooth, textured finish, not rough or porous.
- 9. Doors Struts must be of original design (black with silver shaft, shaft end at body). Non-original struts, or "worn out" struts, deduct as noted on judging sheets. Area around hinges must be clean and free of dirt, stains, debris or damage. Door weatherstripping must be original design, with holes NOT visible. Catalyst label (see Appendix A) must be present on door as outlined below (exact placement may vary):

BDXXXXX must have part no. 105197 and show "1981" CDXXXXX must have part no. 110571 and show "1982" DDXXXXX must have part no. 113331 and show "1983"

Cars up to VIN BD04200 utilize a 2-key system (1 for doors, 1 for ignition). From VIN BD04201 use a one-key system for both door and ignition. A two-key system can be identified by the door lock, which is all black. A one-key sys-tem door lock has a black ring, and silver insert (Figure 53 and Figure 54). Door marker lights, amber lights on the front and middle, and red on the rear. Lights and mountings must be free of dirt, stains, debris or damage.

10. Induction grilles/Quarter panel louvres - Grilles at rear of quarter windows must be free of dirt, stains, debris or damage. If fitted with an automatic antenna on drivers side, the hole must be smooth with no rough edges. Antenna mast must be black, deduct for chrome (Figure 55). Ring seals on underside of each grille at pontoon must be intact and cover the grille and hole in pontoon fully (Figure 56). Quarter panel louvres must fit snug and be free of dirt, stains, debris or dam-age. Uniform black in color, with no adhesive showing around outside edges.



Figure 51 Red marker w/ gasket



Figure 52 License plate lights



Figure 53 Door locks early



Figure 54 Door locks late



Figure 55 Power antenna grille



Figure 56 Ring seal

- 11. Louvre Struts (black with silver shaft, shaft end at body) must hold cover in full upright position, and not allow louvre to rub T-panel when opening or closing. Plastic strut mounting covers in place on quarter panels (CD and DD VIN's only, see Figure 57) and free of dirt, stains, debris or damage. Latch must hold louvre in closed position when pulling on louvre. Louvre grilles must be securely in position and free of dirt, stains, debris or damage. No reinforcing strip is permitted on underside of louvre. Two louvre types acceptable, narrow or wide center support. If date label exists on louvre (Figure 58), must be SAME or PRIOR to that of build month on VIN plate.
- 12. Wipers Arms must be black finish. Wiper arm bolt caps must be in place. Windshield washer nozzle must be securely affixed to passenger side wiper arm. Wiper blades must be factory original as identified by the rectangular holes, or round hole factory replacements (Figure 59).



Figure 58 Louvre date label



Figure 59 Wiper blade types



Figure 60 Door latch guides

ACCEPTABLE DEALER INSTALLED ACCESSORIES

Optional accessories must be in good condition and free of damage or defects. Optional accessories subject to deductions as indicated.

DMC ACCENT SIDE STRIPES (good condition, no missing segments) Part #A2000010 Wide Black Textured. Up to (1) point deduction. Part #A2000020 Gray Thin Line. Up to (1) point deduction.

DMC CUSTOM LUGGAGE RACK

Part #A3000010 If mounts present, rack must be properly stowed in luggage compartment. Accessories bag in luggage compartment. Original vinyl accessories bag (with heat stamped DMC logo) must contain tiedown straps with proper plastic clips. Up to (2) points deduction.

DMC LOCKABLE SKI ADAPTER

Part #A3000011 If present, must be original with keys, bag and neatly stowed in luggage compartment. No points deduction (may be removed for judging).

DOOR LATCH GUIDES

DD VINs may have plastic door guides, but in any case, all guides must be either metal or plastic. Part #W300003 Metal (Figure 60 - right) Part #W300004 Plastic (Figure 60 - left)

SECTION SIX OPERATING CONTROLS

- 1. Horns work (high note and low note) [4-7]
- 2. Windshield wipers and washer must work. Low speed, high speed and intermittent delay work. Washer must spray evenly. [5-12]
- 3. Turn signals front and rear operate, indicators in gauge cluster work. [5-5, 5-6]
- 4. Both High and Low beam of headlights work. All eight parking lights must work in both switch positions. [5-5]
- 5. Brake lights must both work. [5-6]
- 6. Back up lights must both work. [5-6]
- 7. Rear license plate lights operate with running lights and/or headlights turned on. [5-6]
- 8. Emergency flashers work. Front and rear lights and gauge cluster indicators only. [5-5]
- 9. Storage compartment behind driver's seat lock and key must work. Glove box latch works spring pops door up. [1-11, 1-12]
- 10. Luggage compartment pops up when release lever is operated. Courtesy light must come on when cover is raised. [2-1, 5-2]
- 11. Engine cover pops when release lever is operated. Light comes on when cover is raised. Louver latch engages top of engine cover. [3-1, 3-2]
- 12. Both passenger compartment doors open and close smoothly with no excess effort required. Struts raise doors gently and completely and hold in fully opened position. [1-6, 5-9]
- 13. All three door lights on each passenger door must work when either door is opened. [5-9]
- Check for smooth, noiseless operation of both seats adjusters, angle and position. Check that both seatback release levers operate. [1-8]
- 15. Both interior courtesy lights must work properly in all three positions which includes the delayed shutoff when both doors are closed. Glove box light must work when lid is opened. [1-11, 1-16]
- 16. Steering wheel lock must work. The logic box must buzz when key is in the ignition and the driver's door is open.

- 17. Gauge cluster back lighting must work with rheostat when exterior lights are on. Ventilation panel backlighting must work with exterior lights off and key in run position. Automatic gear selector display must be fully illuminated. [1-10]
- 18. Gauge cluster indicator lights for the driver's seat belt and door ajar (both doors) must work. [1-10, 1-13]
- 19. Car must start easily and idle (775 RPM + or 50) smooth and quietly.
- 20. Gauges (Battery, Fuel, Oil, Tachometer, and Temperature) must work with engine running. [1-13]
- 21. Cigar lighter must be operable. Illuminated ring must work when exterior lights are on. [1-10]
- 22. Rear window defogger switch is operable as indicated by light on console. [1-10]
- 23. Radio must work. Verify that AM/FM and tape player works properly and sound comes from all four speakers. LED display must work and tape door open. No static can be present when volume control is operated. Power antenna must operate automatically.
- 24. Clocks must display correct time and all LED segments operable.
- 25. A/C ventilation and controls must work properly when engine is running. Rotate mode control knob from OFF to DEFROST and back to MAX verifying that damper works. Rotate temperature control knob from far left to far right, verify that A/C blows noticeably cold after reasonable AC charge time. Test all four fan speeds verifying noticeable difference in air volume at each speed. Verify that engine cooling fans cycle with AC compressor. Fan fail light should flicker when engine cooling fans cycle. Air vents must open and close. [1-10]
- 26. Handbrake must hold the vehicle securely. Handbrake instrument indicator light must operate correctly.
- 27. Electric windows must operate smoothly. Verify that top of window remains horizontal when going up and down. [1-10]
- 28. Door locks must operate properly. With doors closed, check for simultaneous operation of door locks from both drivers and passenger's side. Doors must lock and unlock together. Verify by opening doors between operations using both the interior and exterior release handles. For VINS up through 4187, door key illumination must be operational. [1-6]

29. Mirrors must operate correctly. Check for smooth operation of remote mirror switch, all four directions, both drivers and passenger's side. Check operation of day/night lever on center rearview mirror. [1-6, 1-7]

APPENDIX A LABEL ILLUSTRATIONS (not actual size)

IMPORTANT. Use only 'FREON 12' or 'ARCTON 12' mixed with 'SUNISO 5GS' or 'TEXACO CAPELLA' as a refrigerant.
Recommended operating charge: 2.75lbs of 'FREON 12' or 'ARCTON 12' mixed with I-8 cu ins of 'SUNISO 5GS' or 'TEXACO CAPELLA'.
Compressor manufactured by: Sankyo, Isesaki, Japan.



BATTERY ACCESS WARNING
BATTERIES PRODUCE EXPLOSIVE GASSES
KEEP SPARKS, FLAME, CIGARETTES
AWAY

WARNING RADIATOR FANS MAY START AT ANY TIME

VEHICLE EMISSION CONTROL INFORMATION. THIS VEHICLE CONFORMS TO U.S.E.P.A. REGULATIONS APPLICABLE TO 1981 MODEL YEAR NEW MOTOR VEHICLES.

CATALYST

105197



VEHICLE EMISSION CONTROL INFORMATION.
THIS VEHICLE CONFORMS TO U.S.E.P.A. REGULATIONS
APPLICABLE TO 1982 MODEL YEAR NEW MOTOR VEHICLES.

CATALYST

110571

VEHICLE EMISSION CONTROL INFORMATION.
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APPLICABLE TO 1983 MODEL YEAR NEW MOTOR VEHICLES.

CATALYST

113331

VEHICLE CAPACITY WEIGHT: 400 LBS.
DESIGNATED SEATING CAPACITY: 2.

RECOMMENDED COLD TIRE FRONT 23 P.S.I.
INFLATION PRESSURE: FRONT 23 P.S.I.
SPARE 60 PS.I.
PRESSURES APPLY TO ALL VEHICLE
LOADING CONDITIONS UP TO VEHICLE
CAPACITY WEIGHT SHOWN ABOVE.

RECOMMENDED TIRE SIZES:
FRONT: 195/60HR - 14
REAR: 235/60HR - 14
REAR: 235/60HR - 15
SPARE: T125/70D - 15

WARNING. Clean filler cap before removing.
Use only 'DOT 4' fluid from a sealed container.

DANGER HOT WATER - REMOVE CAP SLOWLY COOLANT FILLER TANK

Fill with 50% water 50% antifreeze containing aluminium inhibitor.



EXHAUST EMISSIONS (Grams per mile).	APPLICABLE STANDARDS	MEASURED LEVELS
HYDROCARBONS	0.41	0.23
CARBON MONOXIDE	7.0	3.4
NITROGEN OXIDES	0.7	0.3

THIS VEHICLE HAS BEEN TESTED UNDER AND CONFORMS TO CALIFORNIA ASSEMBLY LINE TEST REQUIREMENTS

This decal is required by California Health and Safety Code and must be fitted to the vehicle at the time of sale. Any dealer selling a vehicle without this decal may be subject to a fine of \$1000.

TO START ENGINE

MANUAL TRANSMISSION (COLD & HOT ENGINE)

- 1. Place the gear selector lever in neutral
- 2. Depress the clutch pedal
- 3. Press down accelerator about 1/4 of total stroke
- 4. Turn key to starting position. When engine starts, release key and accelerator.

AUTOMATIC TRANSMISSION (COLD & HOT)

- 1. Place gear selector lever in Neutral or Park
- Press down accelerator about ¼ of total stroke
- 3. Turn key to starting position. When engine starts, release key and accelerator.

TO OPEN DOOR

FROM INSIDE: Unlock by pressing front of lock button in door armrest. Lift door handle. FROM OUTSIDE: Unlock with key by turning counterclockwise (RHS) or clockwise (LHS) and raise handle.

Do not operate lock when doors are open.

108715

VEHICLE EMISSION CONTROL INFORMATION



MANUFACTURER: DELOREAN MOTOR CARS LTD.
EVAPORATIVE FAMILY: E1
EXHAUST EMISSION CONTROL SYSTEM: F1, EGS, TW

ENGINE DISPLACEMENT: 174 CU IN ENGINE FAMILY: BDL174V6FB3.

TUNE UP SPECIFICATIO	INS WITH NO ACCESSORIES IN OPERATION A	ND TRANSMISSION IN NEUTRAL	
ITEM	CONDITIONS SPECIFICATIONS		
IGNITION TIMING	IDLE R.P.M. 775 VACUUM HOSE DISCONNECTED	13°±2° B.T.D.C.	
IDLE AIR-FUEL MIXTURE	OXYGEN SENSOR DISCONNECTED. IDLE R.P.M. ADJUSTED TO 950. CO SAMPLED FROM TAPS UPSTREAM OF CATALYST. VACUUM HOSES CONNECTED.	(FOR EACH BANK)	
IDLE R.P.M.	OXYGEN SENSOR CONNECTED.	775±50 R.P.M.	
VALVE LASH	COLD ENGINE	INLET 0 004-0 006 INCHES. EXHAUST 0 010-0 012 INCHES.	

THIS VEHICLE CONFORMS TO US E.P.A. AND CALIFORNIA ARB REGULATIONS APPLICABLE TO 1981 MODEL YEAR NEW LIGHT DUTY VEHICLES.
COMPLIANCE DEMONSTRATED BELOW 4000 FEET.

105199



VEHICLE EMISSION CONTROL INFORMATION

MANUFACTURER: DELOREAN MOTOR CARS LTD. **EVAPORATIVE FAMILY: E1**

ENGINE DISPLACEMENT: 174 CU IN ENGINE FAMILY: BDL174V6FB3.

TUNE UP SPECIFICATIO	ONS WITH NO ACCESSORIES IN OPERATION A	ND TRANSMISSION IN NEUTRAL	
ITEM CONDI	CONDITIONS SPECIFICATIONS		
IGNITION TIMING	IDLE R.P.M. 775 VACUUM HOSE DISCONNECTED	13°±2° B.T.D.C.	
IDLE AIR-FUEL MIXTURE	OXYGEN SENSOR DISCONNECTED. IDLE R.P.M. ADJUSTED TO 950. CO SAMPLED FROM TAPS UPSTREAM OF CATALYST. VACUUM HOSES CONNECTED.	(FOR EACH BANK)	
IDLE R.P.M.	OXYGEN SENSOR CONNECTED.	775±50 R.P.M.	
VALVE LASH	COLD ENGINE	INLET 0 004-0 006 INCHES. EXHAUST 0 010-0 012 INCHES.	

THIS VEHICLE CONFORMS TO US E.P.A. AND CALIFORNIA ARB REGULATIONS APPLICABLE TO 1981 MODEL YEAR NEW LIGHT DUTY VEHICLES. COMPLIANCE DEMONSTRATED BELOW 4000 FEET.

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VEHICLE EMISSION CONTROL INFORMATION

MANUFACTURER: DELOREAN MOTOR CARS LTD. EVAPORATIVE FAMILY: E1

ENGINE DISPLACEMENT: 174 CU IN ENGINE FAMILY: BDL174V6FB3. ENGINE CODE: 1

TUNE UP SPECIFICATION	INS WITH NO ACCESSORIES IN OPERATION A	ND TRANSMISSION IN NEUTRAL	
ITEM	TEM CONDITIONS SPECIFICATIONS		
IGNITION TIMING	IDLE R.P.M. 775 VACUUM HOSE DISCONNECTED	13°±2° B.T.D.C.	
IDLE AIR-FUEL MIXTURE	OXYGEN SENSOR DISCONNECTED. IDLE R.P.M. ADJUSTED TO 950. CO SAMPLED FROM TAPS UPSTREAM OF CATALYST. VACUUM HOSES CONNECTED.	IDLE CO 1 · ð ± 0·3% (FOR EACH BANK)	
IDLE R.P.M.	OXYGEN SENSOR CONNECTED.	775±50 R.P.M.	
VALVE LASH	COLD ENGINE	INLET 0 004-0 006 INCHES. EXHAUST 0 010-0 012 INCHES.	

THIS VEHICLE CONFORMS TO US E.P.A. AND CALIFORNIA ARB REGULATIONS APPLICABLE TO 1981 MODEL YEAR NEW LIGHT DUTY VEHICLES.
COMPLIANCE DEMONSTRATED BELOW 4000 FEET

VEHICLE EMISSION CONTROL INFORMATION

MANUFACTURER: DELOREAN MOTOR CARS LTD. EVAPORATIVE FAMILY: E1

EXHAUST EMISSION CONTROL SYSTEM: F1, EGS, TWC ENGINE DISPLACEMENT: 174 CU IN ENGINE FAMILY: BDL174V6FB3.

TUNE UP SPECIFICATIO	ONS WITH NO ACCESSORIES IN OPERATION A	ND TRANSMISSION IN NEUTRAL
ITEM CONDITIONS SPECIF		SPECIFICATIONS
IGNITION TIMING	IDLE R.P.M. 775 VACUUM HOSE DISCONNECTED	13°±2° B.T.D.C.
IDLE AIR-FUEL MIXTURE	OXYGEN SENSOR DISCONNECTED. IDLE R.P.M. ADJUSTED TO 950. CO SAMPLED FROM TAPS UPSTREAM OF CATALYST. VACUUM HOSES CONNECTED.	IDLE CO 1:0 ± 0:3% (FOR EACH BANK)
IDLE R.P.M.	OXYGEN SENSOR CONNECTED.	775±50 R.P.M.
VALVE LASH	COLD ENGINE	INLET 0-004-0-006 INCHES. EXHAUST 0-010-0-012 INCHES.

THIS VEHICLE CONFORMS TO US E.P.A. AND CALIFORNIA ARB REGULATIONS APPLICABLE TO 1981 MODEL YEAR NEW LIGHT DUTY VEHICLES. COMPLIANCE DEMONSTRATED BELOW 4000 FEET.

VEHICLE EMISSION CONTROL INFORMATION

ENGINE DISPLACEMENT: 174 CU IN ENGINE FAMILY: BDL174V6FB3.

EVAPORATIVE FAMILY: E1 EXHAUST EMISSION CONTROL SYSTEM: F1, EGS, TWC

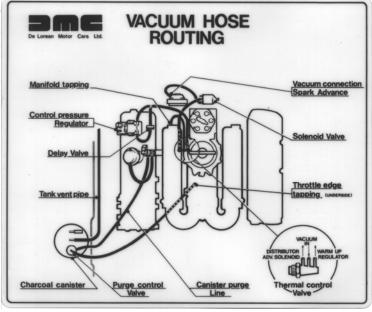
MANUFACTURER: DELOREAN MOTOR CARS LTD.

ITEM	CONDITIONS	SPECIFICATIONS
IGNITION TIMING	IDLE R.P.M. 775 VACUUM HOSE DISCONNECTED	15°±2° B.T.D.C.
IDLE AIR-FUEL MIXTURE	OXYGEN SENSOR DISCONNECTED. IDLE R.P.M. ADJUSTED TO 950. CO SAMPLED FROM TAPS UPSTREAM OF CATALYST. VACUUM HOSES CONNECTED.	IDLE CO 1.2 ± 0.3% (FOR EACH BANK)
IDLE R.P.M.	OXYGEN SENSOR CONNECTED.	775±50 R.P.M.
VALVE LASH	COLD ENGINE	INLET 0 004-0 006 INCHES. EXHAUST 0 010-0 012 INCHES.

THIS VEHICLE CONFORMS TO US E.P.A. AND CALIFORNIA ARB REGULATIONS APPLICABLE TO 1981 MODEL YEAR NEW LIGHT DUTY VEHICLES.
COMPLIANCE DEMONSTRATED BELOW 4000 FEET.

108662





VEHICLE EMISSION CONTROL INFORMATION UPDATE

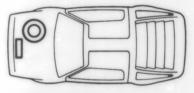


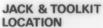
DELOREAN MOTOR CO. LTD.

THIS VEHICLE HAS BEEN MODIFIED TO IMPROVE EMISSION CONTROL PERFORMANCE WHEN OPERATED AT HIGH ALTITUDE. FOR FURTHER INFORMATION SEE SERVICE INSTRUCTIONS.

110741

SEE OWNERS HANDBOOK FOR SAFETY INSTRUCTIONS











BLOCK WHEEL

WINDSHIELD WASHER RESERVOIR

USE WATER OR DILUTED METHANOL

DO NOT FILL WITH OIL, GASOLINE, OR ANY OTHER OIL BASE MATERIAL

<u>MILLENNIUM</u>

The DeLorean Motor Company Concours

15023 Eddie Drive • Humble, Texas 77396 USA 281-441-2537 • 281-441-2813 Fax • 800/USA-DMC1 http://www.delorean.com

Car #	_ Class	
	License	
Owner		
	Final Standing	
TOTAL DEDUCTIONS FROM	ALL JUDGING CATEGORIES	
Operating Controls		50
Interior		50
Luggage Compartment		50
Engine Cover and Compartment		50
Undercarriage		50
Exterior		50
	deductions, and enter this number below. om 300 , this is the participants Total Score.	
TOTAL POINTS		300



Operating Controls

Car #	VIN	License	Judge	
		that can be deducted for modification ndbook for judging criteria and Chie		
1. Horns Notes				(2)
	eld wipers and washer			(2)
3. Turn sign	nals			(2)
4. Lights (h	nigh/low beam and all parki	ing)		(2)
5. Brake lig	ghts			(2)
6. Backup ((reverse) lights			(2)
7. License j	plate lights			(2)
8. Emergen				(2)
9. Storage of	compartment lock and key,	glove box		(1)
10. Luggage	compartment light			(1)
11. Engine c	ompartment light (comes o	on when opened), louver lat		(1)
12. Door ope	eration (must go up and sta			(2)
13. Door ligh	hts (three each door)			(2)
		forward, back, recline, and t		(2)



Operating Controls

The DeLorean Motor Company Concours

15. Interior courtesy lights (front, rear, and glovebox) Notes	(2)
16. Steering lock and door buzzer (with key in ignition only) Notes	(1)
17. Instrument and AC panel lighting, gear indicator (with key in accessory position) Notes	(2)
18. Indicator lights (seat belts, door ajar and brake light) Notes	(2)
19. Starts easily and idles (775RPM ± 50) quiet and smooth Notes	(1)
20. Gauges (fuel, temperature, battery, oil pressure, tachometer) Notes	(2)
21. Cigar lighter Notes	(2)
22. Rear window defogger Notes	(1)
23. Radio, cassette deck and power antenna (if fitted) Notes	(2)
24. Clock (correct time. on console or integrated in radio) Notes	(1)
25. A/C and heater (four blower speeds) Notes	(2)
26. Handbrake (securely holds car and indicator light operates) Notes	(1)
27. Electric windows Notes	(2)
28. Electric door locks and key illumination Notes	(2)
29. Electric and rearview mirrors Notes	(2)
TOTAL DEDUCTIONS MAXIMUM OPERATING DEDUCTIONS –	50



Interior

The DeLorean Motor Company Concours

Car #	VIN	License	Judge	
	licate maximum possible points that leduction, enter "0"), consult Handb			
NT 4	uctions for non-original ite		(5)
1. Door Panel	s (L R)		(4)
2. Escutcheon	s (L R) and pull stra	ps (L R)	(2)
3. Rear Side P	anels (L R)		(2)
4. Seats (Driv	ers side)		(2)
(Passe	enger side)		(2)
5. Seat belts (L R)		(2)
6. Door Sill P	lates (L R)		(2)
7. A-pillar trir	m (L R) and knee page	ds (L R)	(2)
8. Sun Visors	(L R)		(2)
9. Headliners	(L R Rear "T")	(4)
10. Interior ligh	nting (front and rear)		(2)
11. Console and	d shift boot		(2)
12. Radio			(2)
13. Rear View	Mirror		(1)
14. Dash pad ar	nd binnacle		(2)
15. Instrument	Cluster		(1)
16. Pedals (incl	luding dead pedal, if requir	ed for VIN)	(1)
17. Steering wh	neel (includes center pad)		(2)
18. Carpets (Flo	oor, sill, shelf, bulkhead)		(4)
19. Rear Cargo	Net		(1)

Interior

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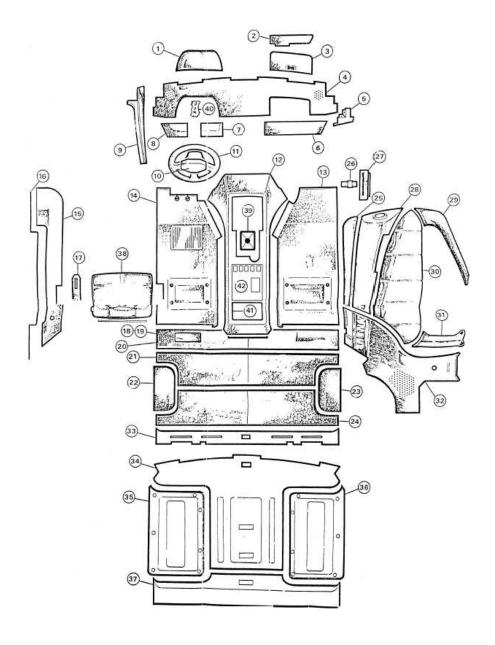
20. Battery (and hold-down strap)	(1)
21. Fusebox/relay compartment	(1)

22. Ignition and door key(s) (1) _____

TOTAL DEDUCTIONS

MAXIMUM INTERIOR DEDUCTIONS – 50

Mark the item # for each deduction on the appropriate area of the diagram below.





Luggage Compartment

Car #	VIN	License	Judge	
	nt indicate maximum possible points that can be no deduction, enter "0"), consult Handbook for			
	Deductions for non-original items			(5)
	e compartment release handle, cable			(2)
2. Weather	estripping on underside of hood			(2)
3. Carpetee	d sections on underside of compartn	nent cover		(4)
4. Fender s	sealing strips			(2)
5. Struts				(3)
	ve seals on hood edges			(4)
	nges/fascia attaching screws			(3)
8. Washer Notes	bottle cap			(3)
9. Fuel fill				(2)
·	access covers in fuel fill area			(3)
11. Plastic h	nood latch cover			(2)
12. Latch ho				(2)
13. Hood sta				(2)



Luggage Compartment

The DeLorean Motor Company Concours

14. Carpeted mat Notes	(2)
15. Fuel pump and brake master cylinder access covers Notes	(2)
16. Proper labels, condition and placement Notes	(2)
17. Space saver wheel/spare tire (60 lbs pressure +/- 5 lbs) Notes	(1)
18. Jack, handle, vinyl protective bag Notes	(2)
19. Tool kit Notes	(2)
TOTAL DEDUCTIONSMAXIMUM LUGGAGE COMPARTMENT	DEDUCTIONS – 50
Notes	
	· · · · · · · · · · · · · · · · · · ·



Engine Cover & Compartment

Car #	VIN	License	Judge	
			n, damage or incorrectness. Each line must have f Judge with questions regarding correctness.	e an
	eductions for non-original		(5)	
1. Engine co			(2)	
2. Engine co	over release handle and car	tch	(1)	
3. Proper lab		lerside of cover and condition	on (2)	
_	over grilles and retaining	_	(2)	
5. Engine Co	over Stay Assembly		(2)	
6. Engine Co	over rubber bumpers		(1)	
7. Engine Co	over Stay Hook		(1)	
8. Engine co	ompartment courtesy light		(1)	
9. Coolant b	ottle, proper label and cor	ndition	(2)	
10. Rubber co	over on jump lead post		(1)	
11. Stove pipe	e (unpainted aluminum)		(2)	
12. Coil cove	r and label, with retaining	strap if applicable	(2)	
	p-on" tubing on firewall w		(1)	

Notes



Engine Cover & Compartment

The DeLorean Motor Company Concours

14. Light switch bracket, connections and resistors Notes	(2)
15. Oil filler cap (correct, no spills in surrounding area) Notes	(1)
16. Air Cleaner cover, proper label Notes	(2)
17. Throttle shield Notes	(1)
18. Overall condition of fuel lines and wiring Notes	(2)
19. Condition/appearance of water pump and pulley Notes	(1)
20. Condition/appearance of water hoses and clamps Notes	(2)
21. Belts (A/C compressor and alternator) Notes	(2)
22. Condition/appearance of heatshields Notes	(2)
23. Condition/appearance of exhaust system Notes	(2)
24. Otterstat switch and clamp Notes	(1)
25. Alternator (Ducellier or Motorola as appropriate) Notes	(2)
26. Oil filter Notes	(1)
27. Oil leaks (pan, two pressure switches) Notes	(2)
28. Overall condition of underside of engine/transmission Notes	(2)
TOTAL DEDUCTIONS MAXIMUM ENGINE COMPT. DEI	DUCTIONS – 50



Undercarriage

Car #	VIN	License	Judge	
	ndicate maximum possible points that condeduction, enter "0"), consult Handboo			
	eductions for non-original iten			(5)
	orrect color and style (LF]			(2)
	s, correct color and style (LF			(2)
3. Valve ster	ms, correct color and style (LI	F RF LR RR _		(2)
4. Valve ster	m caps, correct color and style	e (LF RF LR F	RR)	(2)
5. Wheelwel	ls, condition and appearance	(LF RF LR R)		(2)
	l lip moldings (LF RF I			(2)
7. Tires, com	rect per manual and condition	(LF RF LR R	RR)	(4)
8. Ride heigh	ht, i.e. not lowered			(2)
9. Correct sh		R)		(2)
	n components (shock towers,			(2)
11. Fan shrou	d, condition and labeling			(2)
12. Radiator d				(2)
	visible hoses and clamps conc			(3)



Undercarriage

The DeLorean Motor Company Concours

14. Horns, correct type, condition and appearance (R L) Notes	(2)
15. Frame, condition and appearance Notes	(2)
16. Tie down hooks, condition and appearance (R L) Notes	(2)
17. Seatbelt anchor bolt covers (R L) Notes	(2)
18. Attaching screws on rocker panel covers (R _ L _) Notes	(4)
19. Air deflector plates, condition and appearance (R L) Notes	(2)
20. Air deflector plates, attaching hardware (R L) Notes	(2)
TOTAL DEDUCTIONS MAXIMUM UNDERCARRIAGE	DEDUCTIONS – 50
Notes	



Exterior

Car #	VIN	License	Judge	
	ht indicate maximum possible points that can r no deduction, enter "0"), consult Handbook			
	Deductions for non-original items			(5)
	on and appearance of stainless par			(6)
2. Correct	Hood and Emblem (if required)			(3)
3. Correct	glass, condition & appearance (de	educt for scratches, tinti	ing)	(3)
4. Correct	windshield, condition and appear	ance of windshield trim		(2)
5. Exterio	r mirrors, correct for VIN, condition	on and appearance		(2)
6. Front F	ascia, air dam and rock screen			(3)
7. Grille a	nd grille emblem			(2)
8. Headlig	thts, running lights (front)			(2)
	plades, wiper arms			(2)
10. Rocker				(2)
11. Side mo	olding rub strips			(2)
12. Door, c	atalyst label			(1)
13. Weather Notes				(2)



Exterior

The DeLorean Motor Company Concours

14. Exhaust, correct tailpipe extensions Notes	(2)
15. Rear fascia, tail lights (rear) Notes	(3)
16. License plate bezel, license plate lights Notes	(2)
17. Induction grilles and quarter panel louvers Notes	(2)
18. Louvre Notes	(2)
TOTAL DEDUCTIONS MAXIMUM EXTERIOR	DEDUCTIONS – 50
Notes	