

NCRS 1963-1967

Mechanical

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Revised 11/02

| | |
|-------|------------------|
| Name | _____ |
| VIN | _____ |
| Model | _____ Year _____ |

Engine Code: _____ Horsepower: _____

Scoring: Point assignments at left of score boxes. Mark originality deductions in first column and condition deductions in second column. If no deduction, mark score box with a diagonal slash. If deduction is made, note reason for deduction to right of the judged item.

| Score | | Reason for deduction | Originality | Condition | Total |
|--|-----------|----------------------|-----------------|---------------|-----------|
| Originality | Condition | | | | |
| 1. Engine Color, Paint & Mounts | | | Originality: 25 | Condition: 25 | Total: 50 |

| | | | | |
|----|----------------------|----|----------------------|------------------------------------|
| 20 | <input type="text"/> | 20 | <input type="text"/> | Engine color & paint |
| 5 | <input type="text"/> | 5 | <input type="text"/> | Front engine mounts & ground strap |

| | | | | | |
|-------------------------|--|--|------------------|-----------------|------------|
| 2. Cylinder Case | | | Originality: 350 | Condition: none | Total: 350 |
|-------------------------|--|--|------------------|-----------------|------------|

| | | | | |
|---|----------------------|------|----------------------|--|
| 350 | <input type="text"/> | none | <input type="text"/> | A. Casting number & case configuration |
| <i>(if incorrect, deduct 350 & do not judge or score B, C or D below)</i> | | | | |
| 175 | <input type="text"/> | none | <input type="text"/> | B. Casting date |
| <i>(if incorrect, deduct 175 & do not judge or score C or D below)</i> | | | | |
| 25 | <input type="text"/> | none | <input type="text"/> | C. Assembly stamping |
| 25 | <input type="text"/> | none | <input type="text"/> | VIN derivative |
| 38 | <input type="text"/> | none | <input type="text"/> | D. Stamp pad surface finish |

| | | | | | |
|--------------------------|--|--|-----------------|-----------------|-----------|
| 3. Cylinder Heads | | | Originality: 50 | Condition: none | Total: 50 |
|--------------------------|--|--|-----------------|-----------------|-----------|

| | | | | |
|----|----------------------|------|----------------------|----------------|
| 50 | <input type="text"/> | none | <input type="text"/> | Cylinder heads |
|----|----------------------|------|----------------------|----------------|

| | | | | | |
|------------------------|--|--|-----------------|---------------|-----------|
| 4. Valve Covers | | | Originality: 25 | Condition: 25 | Total: 50 |
|------------------------|--|--|-----------------|---------------|-----------|

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|----|----------------------|----|----------------------|----------------------------|
| 16 | <input type="text"/> | 16 | <input type="text"/> | Valve covers |
| 4 | <input type="text"/> | 4 | <input type="text"/> | Attachment & clips |
| 5 | <input type="text"/> | 5 | <input type="text"/> | Decals, stickers & gaskets |

| | | | | | |
|---|--|--|-----------------|---------------|-----------|
| 5. Air Cleaner <i>(Judge A Or B Only, Check Box)</i> | | | Originality: 30 | Condition: 30 | Total: 60 |
|---|--|--|-----------------|---------------|-----------|

A. Carbureted Cars

| | | | | |
|----|----------------------|----|----------------------|------------------------------------|
| 20 | <input type="text"/> | 20 | <input type="text"/> | Air cleaner assembly |
| 5 | <input type="text"/> | 5 | <input type="text"/> | Element |
| 5 | <input type="text"/> | 5 | <input type="text"/> | Attachment, labels, hoses & clamps |

B. Fuel Injected Cars

| | | | | |
|----|----------------------|----|----------------------|---------------------------|
| 25 | <input type="text"/> | 25 | <input type="text"/> | Air cleaner & instruction |
| 5 | <input type="text"/> | 5 | <input type="text"/> | Air hose & clamps |

| | | | | | |
|---|---|----------------------|---|----------------------|--------------------------------|
| <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> | <i>For tabulation use only</i> |
| Deduction subtotal, page 1 of 4 | | | | | |
| Tabulator initial <input type="text"/> <input type="text"/> | | | | | |

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6. Fuel System & Intake Manifold (Judge A Or B Only, Check Box)

| | | | | | |
|---------------------------|----------------------|--------------------------|----------------------|---|------------|
| A. Carbureted Cars | | <input type="checkbox"/> | Originality: 70 | Condition: 50 | Total: 120 |
| 40 | <input type="text"/> | 20 | <input type="text"/> | Carburetor | _____ |
| 25 | <input type="text"/> | 25 | <input type="text"/> | Intake manifold, bolts, gaskets & seals | _____ |
| 5 | <input type="text"/> | 5 | <input type="text"/> | Thermostat housing & attachment | _____ |

| | | | | | |
|------------------------------|----------------------|--------------------------|----------------------|--|------------|
| B. Fuel Injected Cars | | <input type="checkbox"/> | Originality: 71 | Condition: 49 | Total: 120 |
| 60 | <input type="text"/> | 40 | <input type="text"/> | FI Unit, drive cable, base plate, bolts, gaskets & seals | _____ |
| 3 | <input type="text"/> | 2 | <input type="text"/> | Plenum ID tag | _____ |
| 3 | <input type="text"/> | 2 | <input type="text"/> | Fuel meter ID tag | _____ |
| 5 | <input type="text"/> | 5 | <input type="text"/> | Thermostat housing & attachment | _____ |

7. Accelerator Lever & Linkage Originality: 15 Condition: 15 Total: 30

| | | | | | |
|----|----------------------|----|----------------------|---|-------|
| 5 | <input type="text"/> | 5 | <input type="text"/> | Accelerator lever on firewall | _____ |
| 10 | <input type="text"/> | 10 | <input type="text"/> | Linkage, brackets, springs & ground strap | _____ |

8. Oil Fill System Originality: 10 Condition: 10 Total: 20

| | | | | | |
|----|----------------------|----|----------------------|---------------------------|-------|
| 10 | <input type="text"/> | 10 | <input type="text"/> | Oil fill tube, hose & cap | _____ |
|----|----------------------|----|----------------------|---------------------------|-------|

9. Fuel Delivery System Originality: 28 Condition: 22 Total: 50

| | | | | | |
|----|----------------------|----|----------------------|--|-------|
| 15 | <input type="text"/> | 10 | <input type="text"/> | Fuel pump | _____ |
| 8 | <input type="text"/> | 8 | <input type="text"/> | Engine compartment: lines, fittings & clamps | _____ |
| 5 | <input type="text"/> | 4 | <input type="text"/> | Fuel filter & attachment (if equipped) | _____ |

10. Ignition System & Shields Originality: 45 Condition: 35 Total: 80

| | | | | | |
|----|----------------------|----|----------------------|--|-------|
| 10 | <input type="text"/> | 10 | <input type="text"/> | Heat & radio shielding, grounds & brackets | _____ |
| 5 | <input type="text"/> | 5 | <input type="text"/> | Ignition coil, mounting & capacitor | _____ |
| 15 | <input type="text"/> | 10 | <input type="text"/> | Distributor, cap & vacuum advance | _____ |
| 10 | <input type="text"/> | 5 | <input type="text"/> | Spark plugs & wires | _____ |
| 2 | <input type="text"/> | 2 | <input type="text"/> | Tachometer drive cable | _____ |
| 3 | <input type="text"/> | 3 | <input type="text"/> | Transistor ignition, harness & amplifier (all 396 & if equipped) | _____ |

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|---------------------------------|---|----------------------|---|
| <i>For tabulation use only</i> | | | |
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| Tabulator initial | | | <input type="text"/> <input type="text"/> |

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| | | | |
|--|-----------------|---------------|-----------|
| 11. Exhaust Manifold & A.I.R. | Originality: 30 | Condition: 30 | Total: 60 |
|--|-----------------|---------------|-----------|

| | | | | | |
|----|----------------------|----|----------------------|--|-------|
| 15 | <input type="text"/> | 15 | <input type="text"/> | Manifolds | _____ |
| 5 | <input type="text"/> | 5 | <input type="text"/> | Bolts, studs, nuts, flanges, locks, washers & heat riser | _____ |
| 10 | <input type="text"/> | 10 | <input type="text"/> | A.I.R. system - all (if equipped) | _____ |

| | | | |
|-----------------------|-----------------|---------------|-----------|
| 12. Engine Oil | Originality: 13 | Condition: 12 | Total: 25 |
|-----------------------|-----------------|---------------|-----------|

| | | | | | |
|---|----------------------|---|----------------------|--|-------|
| 6 | <input type="text"/> | 6 | <input type="text"/> | Oil dipstick | _____ |
| 4 | <input type="text"/> | 4 | <input type="text"/> | Dipstick tube | _____ |
| 3 | <input type="text"/> | 2 | <input type="text"/> | Pressure line assembly (to gauge & FI distributor) | _____ |

| | | | |
|---------------------------------|-----------------|---------------|-----------|
| 13. Water Pumping System | Originality: 26 | Condition: 24 | Total: 50 |
|---------------------------------|-----------------|---------------|-----------|

| | | | | | |
|---|----------------------|---|----------------------|---|-------|
| 6 | <input type="text"/> | 4 | <input type="text"/> | Water pump & fittings | _____ |
| 5 | <input type="text"/> | 5 | <input type="text"/> | Radiator hoses & clamps | _____ |
| 2 | <input type="text"/> | 2 | <input type="text"/> | By-pass hose & clamps (if equipped) | _____ |
| 5 | <input type="text"/> | 5 | <input type="text"/> | Heater hoses, clamps & clips | _____ |
| 4 | <input type="text"/> | 4 | <input type="text"/> | Balancer & pulleys: Crankshaft, water pump & idler assembly | _____ |
| 4 | <input type="text"/> | 4 | <input type="text"/> | Fan belt(s) - all | _____ |

| | | | |
|-----------------------|-----------------|---------------|-----------|
| 14. Alternator | Originality: 25 | Condition: 15 | Total: 40 |
|-----------------------|-----------------|---------------|-----------|

| | | | | | |
|----|----------------------|----|----------------------|---|-------|
| 15 | <input type="text"/> | 11 | <input type="text"/> | Alternator - model & date | _____ |
| 5 | <input type="text"/> | 2 | <input type="text"/> | Pulley & fan | _____ |
| 5 | <input type="text"/> | 2 | <input type="text"/> | Mounting, adjusting brackets & hardware | _____ |

| | | | |
|---------------------------------|-----------------|---------------|-----------|
| 15. Battery & Cables | Originality: 40 | Condition: 25 | Total: 65 |
|---------------------------------|-----------------|---------------|-----------|

| | | | | | |
|----|----------------------|----|----------------------|--|-------|
| 25 | <input type="text"/> | 15 | <input type="text"/> | Battery & caps | _____ |
| 8 | <input type="text"/> | 5 | <input type="text"/> | Battery cables, felt washer & clips | _____ |
| 7 | <input type="text"/> | 5 | <input type="text"/> | Tray, hold-down, shield & retaining hardware | _____ |

| | | | |
|-----------------------|-----------------|---------------|-----------|
| 16. Electrical | Originality: 28 | Condition: 22 | Total: 50 |
|-----------------------|-----------------|---------------|-----------|

| | | | | | |
|---|----------------------|---|----------------------|--|-------|
| 8 | <input type="text"/> | 7 | <input type="text"/> | Engine compartment & Back-up light wiring harnesses include all blocks | _____ |
| 4 | <input type="text"/> | 4 | <input type="text"/> | Wiring clips & retainers | _____ |
| 7 | <input type="text"/> | 5 | <input type="text"/> | Voltage regulator & capacitor | _____ |
| 6 | <input type="text"/> | 4 | <input type="text"/> | Horn relay | _____ |
| 3 | <input type="text"/> | 2 | <input type="text"/> | Ballast resistor | _____ |

| | | | | | |
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| | | | |
|--|-----------------|---------------|-----------|
| 17. Heating or Air Conditioning | Originality: 27 | Condition: 18 | Total: 45 |
|--|-----------------|---------------|-----------|

| | | | | | |
|---|----------------------|---|----------------------|---|-------|
| 4 | <input type="text"/> | 3 | <input type="text"/> | Heater box & fan motor or block-off plate | _____ |
| 5 | <input type="text"/> | 3 | <input type="text"/> | Compressor assembly, mounting & labels | _____ |
| 3 | <input type="text"/> | 2 | <input type="text"/> | Evaporator, relay & label | _____ |
| 5 | <input type="text"/> | 3 | <input type="text"/> | Valves | _____ |
| 2 | <input type="text"/> | 2 | <input type="text"/> | Hoses, pipes, clamps & grommets | _____ |
| 3 | <input type="text"/> | 2 | <input type="text"/> | Dehydrator assembly | _____ |
| 5 | <input type="text"/> | 3 | <input type="text"/> | Condenser | _____ |

| | | | |
|--------------------------------------|-----------------|---------------|-----------|
| 18. Wiper & Washer System | Originality: 13 | Condition: 12 | Total: 25 |
|--------------------------------------|-----------------|---------------|-----------|

| | | | | | |
|---|----------------------|---|----------------------|-----------------------------|-------|
| 6 | <input type="text"/> | 6 | <input type="text"/> | Wiper motor | _____ |
| 3 | <input type="text"/> | 3 | <input type="text"/> | Washer pump, hoses & clips | _____ |
| 4 | <input type="text"/> | 3 | <input type="text"/> | Reservoir, fluid & brackets | _____ |

| | | | |
|--------------------------------|-------------------|---------------|-----------|
| 19. Overall Cleanliness | Originality: none | Condition: 20 | Total: 20 |
|--------------------------------|-------------------|---------------|-----------|

| | | | | |
|-----------------------------------|----|----------------------|-----------------------------------|-------|
| <input type="text" value="none"/> | 20 | <input type="text"/> | Overall cleanliness of items 1-18 | _____ |
|-----------------------------------|----|----------------------|-----------------------------------|-------|

| |
|---------------|
| Review |
|---------------|

| | |
|----------------------------|----------------------------|
| Judge <input type="text"/> | Judge <input type="text"/> |
|----------------------------|----------------------------|

| | | | | | |
|------------------------|----------------------|------------------------------|----------------------|-----------------------------------|----------------------|
| Owner review & initial | <input type="text"/> | Team Leader review & initial | <input type="text"/> | Judging Chairman review & initial | <input type="text"/> |
|------------------------|----------------------|------------------------------|----------------------|-----------------------------------|----------------------|

| | | | | | | | | |
|----------------------|---|----------------------|---|----------------------|---|-------------------|----------------------|----------------------|
| <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> | <i>For tabulation use only</i> Deduction subtotal, page 4 of 4 | Tabulator initial | <input type="text"/> | <input type="text"/> |
|----------------------|---|----------------------|---|----------------------|---|-------------------|----------------------|----------------------|

| | | | | | |
|---|---|----------------------|--|-------------------------------|------------------------|
| <i>For tabulation use only</i> | | | | | |
| Page 1 subtotal | = | <input type="text"/> | | | |
| Page 2 subtotal | = | <input type="text"/> | | Tabulator initial | <input type="text"/> |
| Page 3 subtotal | = | <input type="text"/> | | | <input type="text"/> |
| Page 4 subtotal | = | <input type="text"/> | | | |
| Total deduction | | <input type="text"/> | | (subtract from 1240 possible) | - <input type="text"/> |
| | | | | Total Mechanical | <input type="text"/> |
| <i>Transfer score to Scoring Summary & Judging Summary Sheets</i> | | | | | |