

Proposal Tugas MK Menggambar Mesin Semester 100

Program Studi Pendidikan Teknik Mesin (Reguler)

Argi Prasetio

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Selasa / 10.00-12.40 / Ruang- 205

No	Nama Benda dan Spesifikasi	Nilai	Catatan
1	Tes Baca Alat Ukur (Jangka Sorong)		
2	Exhaust Manifold, Nissan Datsun, 1979, 180B L18 , 1800 cc		
3	Intake Manifold Nissan Datsun, 1979, 180B, 1800 cc		
4	Fuel Pump, Nissan Datsun, 1979, 180B, 1800 cc		
5	Cylinder Head, Nissan Datsun, 1979, 180B, 1800 cc		
6	Cover Cylinder Head & Rocker Arm, Nissan Datsun, 1979, 180B, 1800 cc		
7	CAD		

TUGAS 1



Keterangan Tugas 1 :

- a. Nama Benda : Exhaust Manifold.
- b. Spesifikasi Benda : Nissan Datsun, 1979 180B, 1800 cc
- c. Nama Komponen :
 - 1. Bracket pipe exhaust
 - 2. Bolt manifold to pipe exhaust
 - 3. Ring plat manifold to pipe exhaust
 - 4. Ring spring manifold to pipe exhaust
 - 5. Nut manifold to pipe exhaust
 - 6. Gasket exhaust pipe
 - 7. Exhaust Manifold
 - 8. Bolt manifold to head cylinder
 - 9. Ring Plat manifold to head cylinder
 - 10. Ring Spring manifold to head cylinder
 - 11. Nut manifold to head cylinder
 - 12. Bolt pipe
 - 13. Bush Ø10
 - 14. Bush Ø6
 - 15. Stay
 - 16. Gasket manifold
 - 17. Nut
 - 18. Ring plat manifold
 - 19. Nut spring manifold
 - 20. Bolt pipe

TUGAS 2



Keterangan Tugas 2 :

- a. Nama Benda : Intake Manifold.
- b. Spesifikasi Benda : Nissan Datsun, 1979 180B, 1800 cc

c. Nama Komponen :

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|--------------------------------|------------------------------|
| 1. Intake manifold | 16. Cushion |
| 2. Bolt stud intake | 17. Plug no.1 |
| 3. Nut for intake | 18. Plug no.2 |
| 4. Ring plat intake | 19. Clamp hose |
| 5. Gasket manifold | 20. Bolt manifold to head |
| 6. Bush Ø10 | 21. Gasket |
| 7. Bush Ø8 | 22. Nut stay |
| 8. Hose no. 1 | 23. Bolt stud intake to pipe |
| 9. Hose no. 2 | 24. Hose no. 4 |
| 10. Hose no. 3 | 25. Cushion to air pipe |
| 11. Bush Ø16 | 26. Bolt stud intake to pipe |
| 12. Stay | 27. Bush Ø12 |
| 13. Nut stay | 28. Bush Ø14 |
| 14. Bolt stay to manifold | 29. Bolt stay to manifold |
| 15. Ring plat stay to manifold | 30. Ring plate |

TUGAS 3



Keterangan Tugas 3 :

a. Nama Benda : Fuel Pump.

b. Spesifikasi Benda : Nissan Datsun, 1979 180B, 1800 cc

c. Nama Komponen. :

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| 1. Body fuel pump upper | 21. Ring plate Bolt no.1 pump to head cylinder |
| 2. Body fuel pump lower | 22. Ring spring Bolt no. 2 pump to head cylinder |
| 3. Pipe no. 1 | 23. Bumper spring |
| 4. Pipe no. 2 | 24. Seat bumper spring lower |
| 5. Pipe no. 3 | 25. Ring plate damper spring lower |
| 6. Tube | 26. Shaft fuel pump |
| 7. Seal tube no. 1 | 27. Spring fuel pump |
| 8. Seal tube no. 2 | 28. Seat spring upper |
| 9. Vacuum valve in | 29. Rubber for fuel pump |
| 10. Vacuum valve out | 30. Retainer rubber |
| 11. Separator | 31. Hose fuel pump to fuel filter |
| 12. Arm | 32. Pin |
| 13. Pin | 33. Spring |
| 14. Ball lock | 34. Baffle |
| 15. Spring | 35. Stand pipe |
| 16. Gasket fuel pump to head cylinder | 36. Fuel Inlet tube |
| 17. Bolt no. 1 pump to head cylinder | 37. Nut drain valve |
| 18. Ring plate Bolt no. 1 pump to head cylinder | 38. main fuel line pipe |
| 19. Ring spring Bolt no. 1 pump to head cylinder | 39. Return line |
| 20. Bolt no. 2 pump to head cylinder | 40. Fuel emission line |

TUGAS 4



Keterangan Tugas 4 :

- a. Nama Benda : Cylinder Head.
b. Spesifikasi Benda : Nissan Datsun, 1979 180B, 1800 cc
c. Nama Komponen. :
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| 1. Body cylinder head | 26. Ring spring bolt adjuster |
| 2. Damper | 27. Stay support |
| 3. Bush | 28. Bolt stay to cylinder head |
| 4. Lock valve | 29. Ring plate stay to cylinder head |
| 5. Retainer | 30. Hinge |
| 6. Spring | 31. Cap |
| 7. Seal | 32. Bolt cap to cylinder head |
| 8. Washer | 33. Ring plat cap to cylinder head |
| 9. Valve intake | 34. Hose water |
| 10. Valve exhaust | 35. Cap thermostat |
| 11. Gasket cylinder head | 36. Bolt cap thermostat |
| 12. Gasket exhaust manifold | 37. Ring plat thermostat |
| 13. Bolt Stud exhaust manifold to cylinder head | 38. Ring spring cap |
| 14. Nut exhaust manifold to cylinder head | 39. Clamp hose water |
| 15. Ring plat exhaust manifold to cylinder head | 40. Sensor water temperatur. |
| 16. Ring spring exhaust manifold to cylinder head | 41. Sensor water inlet |
| 17. Tube | 42. Tube |
| 18. Pulley to altenator | 43. Stay |
| 19. Collar adjusting | 44. Bolt Stud exhaust manifold |
| 20. Ring collar adjusting | 45. Ring spring exhaust manifold |
| 21. Ring snap | 46. Seal collar ring gear spoket |
| 22. Bush collar adjusting | 47. Nut clamp |
| 23. Stay | 48. Seal |
| 24. Bolt adjuster | 49. Tube |
| 25. Ring plat bolt adjuster | 50. Bush Ø12 |

TUGAS 5



Keterangan Tugas 5 :

a. Nama Benda : Cover Cylinder Head & Rocker Arm.

b. Spesifikasi Benda : Nissan Datsun, 1979 180B, 1800 cc

c. Nama Komponen. :

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|-----------------------------------|------------------------------|----------------------------------|
| 1. Cover cylinder head | 21. Ring rod | 41. Clamp support |
| 2. Gasket cylinder head | 22. Bush rod | 42. Screw for clamp support |
| 3. Cap | 23. Separator | 43. Ring for clamp support |
| 4. Seal cap | 24. Srew for separator | 44. Rocker arm no. 2 |
| 5. Bush cap | 25. Plat separator valve | 45. Bolt for cover cylinder head |
| 6. Valve ventilation | 26. Hose ventilation | 46. Washer plat |
| 7. Gasket valve | 27. Adjuster accelerator | 47. Seal Washer |
| 8. Clamp hose no. 1 | 28. Pin adjuster accelerator | 48. Ring plat washer |
| 9. Clamp hose no. 2 | 29. Camshaft | 49. Bush |
| 10. Clamp hose no. 3 | 30. Gear camshaft timing | 50. Bolt support arm |
| 11. Screw clamp hose | 31. Nut lock | 51. Ring bolt support |
| 12. Bracket for accelerator cable | 32. Ring plat nut lock | 52. Bracket |
| 13. Wire accelerator | 33. Key for camshaft | 53. Damper |
| 14. Pin wire | 34. Support rocker arm no. 1 | 54. Bush for support wire |
| 15. Support pin wire | 35. Spring rocker arm | 55. Nut rod |
| 16. Support wire | 36. Rocker arm no. 1 | 56. Gasket valve |
| 17. Bush for support wire | 37. Support rocker arm no. 2 | 57. Stay |
| 18. Damper | 38. Bolt rocker arm | 58. Nut clamp |
| 19. Rod | 39. Support rocker arm no. 3 | 59. .Bush Ø12 |
| 20. Nut rod | 40. Support rocker arm no. 4 | 60. .Bush Ø10 |