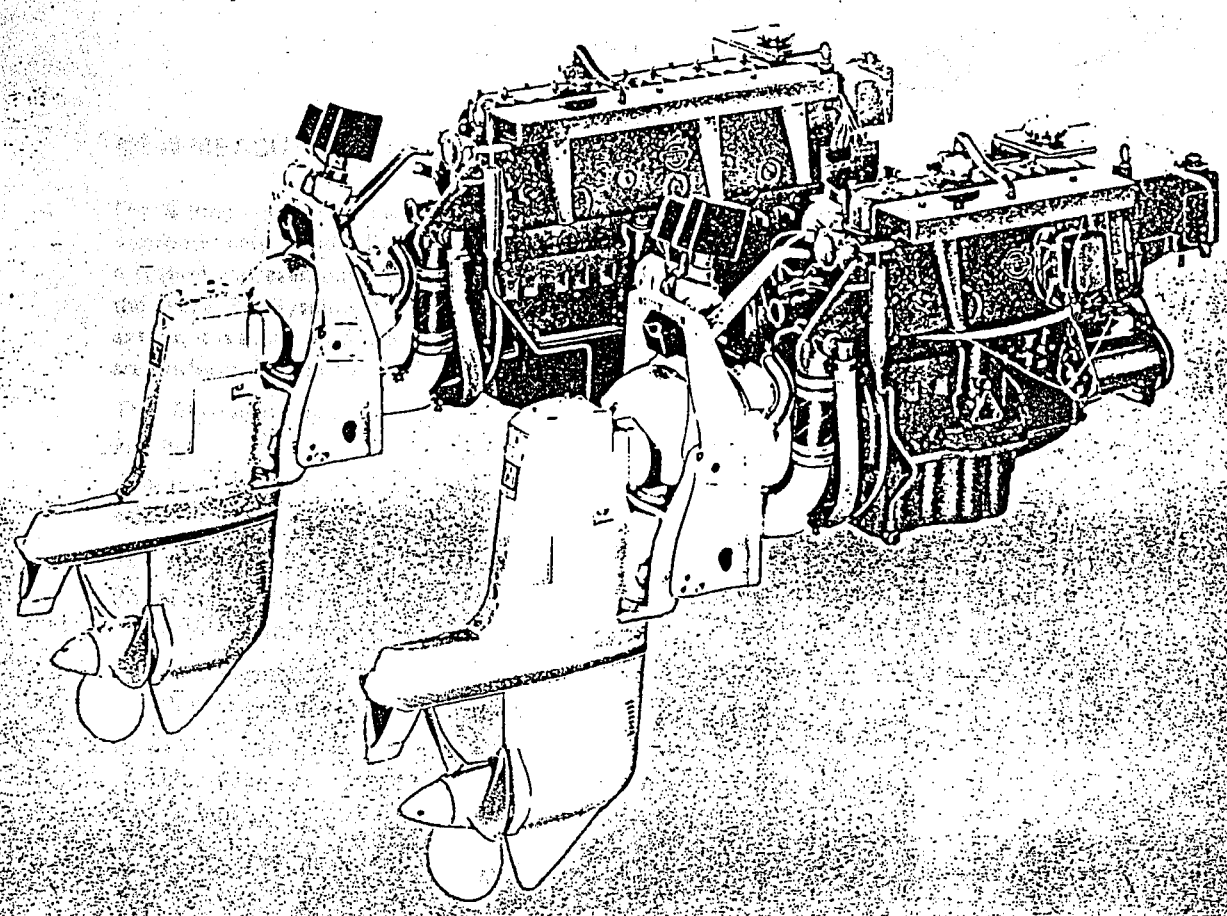
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VOLVO PENTA

WORKSHOP MANUAL
MD21A-MD32A
AQD21A-AQD32A
marine diesel engines

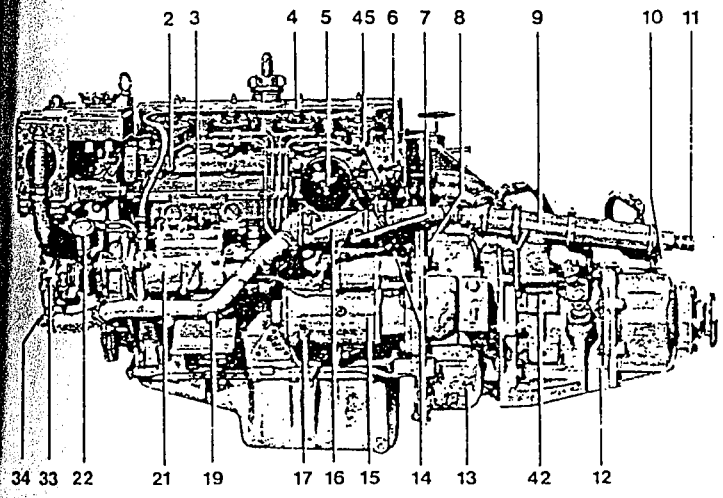


ENGINE UNIT

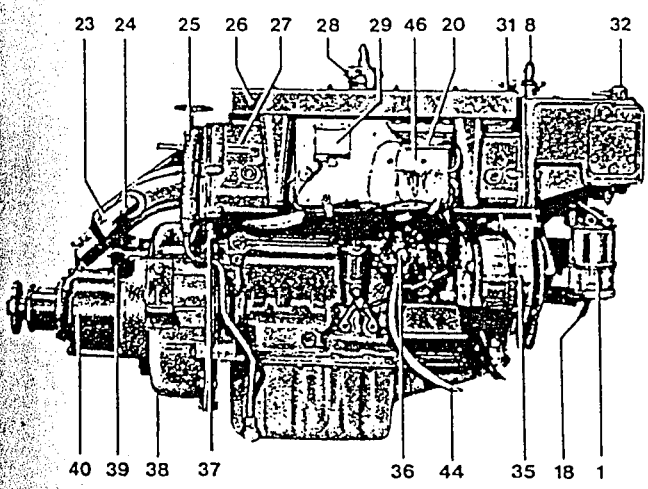
Presentation

MD 21 A

4-cyl. – 75 h.p.



Port side, MD 21 A with Borg-Warner reverse gear



Starboard side, MD 21 with RB reverse gear

1. Water-separating fuel filter
2. Glow plug
3. Engine number
4. Injector
5. Lubricating oil filter
6. Sender – temperature gauge
7. Sender – oil pressure gauge
8. Lift eyelet
9. Oil cooler, reverse gear
10. Drain plug for cooling water
11. Connection, sea water
12. Reverse gear, Borg-Warner
13. Flywheel housing
14. Drain plug, fresh water (located on block)
15. Starter motor
16. Oil cooler, engine
17. Oil dipstick
18. Return to fuel tank
19. Drain point for sea water
20. Fusing
21. Fuel injection pump
22. Sender – rev counter
23. Water-cooled exhaust elbow
24. Separate water outlet
25. Oil scavenging pump
26. Intake silencer
27. Water-cooled exhaust manifold combined with intake manifold
28. Oil filler cap
29. Charging regulator
31. Filler cap, fresh water
32. Connection to expansion tank
33. Sea-water pump
34. Drain plug, sea water
35. Alternator or dynamo
36. Feed pump with hand primer
37. Drain cock, sea water
38. Drain plug, sea water
39. Connection, sea water
40. Reverse gear type RB
41. Alternator
42. Type designation, reverse gear
43. Zinc plug (inside cover)
44. Fuel line to feed pump
45. Glow plug resistor
46. Glow plug relay