



VIEW FORWARD TOWARD FIREWALL

145-44-176

See figure 1.

8. Remove screw (12 inches aft of firewall) in dash panel right-hand beam. Attach propeller control and three engine control Bowdenite housings to beam with removed screw, two 145-43001-5 clips, two new NAS 221-8 screws, new AN365-1032 nuts, and three removed AN742-3 clamps.
9. Counting from forward face of the engine crankcase, remove fifth, sixth, tenth, and eleventh bolts from upper parting line of the crankcase.
10. Install two new 145-43023 brackets on left side of crankcase, using the four bolts, nuts, and Palnuts previously removed. Torque nuts to 75 inch-pounds.
11. Install the AN316-4R nut and AN486-2 clevis on forward end of propeller control, and attach temporarily to propeller control valve arm, using AN24-10 bolt and AN320-4 nut. The head of bolt should be down to provide clearance for oil hose from propeller.
12. Attach control housing to forward 145-43023 bracket with two AN742-4 clamps, two previously removed NAS 221-8 screws, and AN365-1032 nuts.
13. Attach control to forward hole in aft 145-43023 bracket with AN742-4 clamp, NAS 221-8 screw, and AN365-1032 nut, leaving all slack in control housing between firewall and engine.
14. Adjust propeller control as directed in NAVion Service Manual. When adjustment is complete, tighten locknut on clevis, and install AN380-2-2 cotter in AN24-10 bolt.