W36
Loader

Service Manual

9-66874

CASE CONSTRUCTION

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INSTALLING INJECTORS

STEP 7



Cylinder head area before installing injectors.

STEP 8



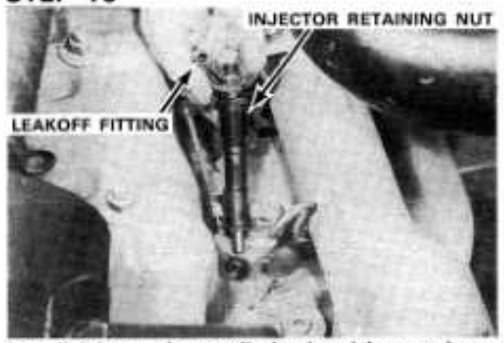
Clean cylinder head injector bore using cleaning tool, Nuday Part No. 6062 with guide nut. Blow out with air or, with fuel injector removed, crank engine to blow out particles.

STEP 9



Install a new sealing gasket on injector. Apply a small amount of vaseline or light oil to retain gasket on injector during installation in cylinder head. *IMPORTANT:* Do not lubricate the entire nozzle assembly or nozzle bore because lubricant may bake on during running and make the injector difficult to remove from the cylinder head.

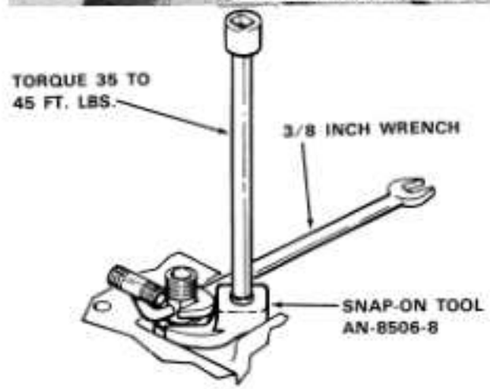
STEP 10



Install injector into cylinder head bore using a twisting motion. *Leakoff fitting of injector toward valve cover.* Thread injector retaining nut into cylinder bore.

STEP 11

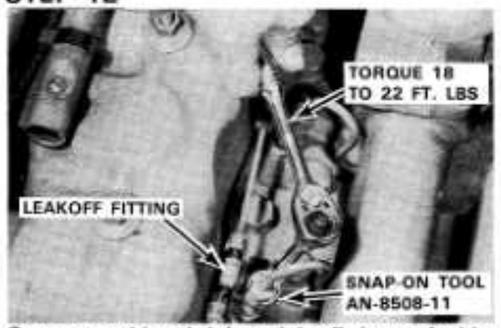




NOTE: Loosely connect leakoff lines to fuel injector to position injector in alignment with adjacent injectors.

While using a 3/8 inch open end wrench on the flats of the injector body to hold injector in alignment with the other injectors, tighten injector retaining nut 35 to 45 ft. lbs. using 7/8" crowsfoot wrench, Snap-On Tool Part No. AN-8508-14 (Flare Nut Type) or AN-8506-8 (Open End Type).

STEP 12



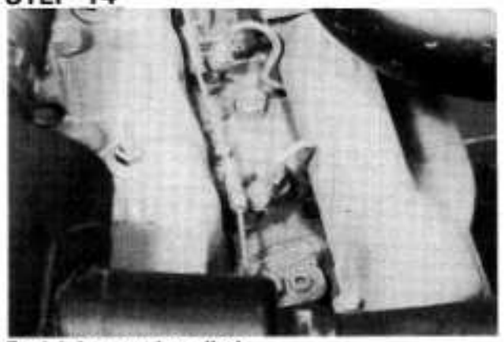
Connect and hand tighten inlet fitting to fuel injector. Crank engine until fuel flows from inlet fitting. Tighten fitting using 11/16" crowsfoot wrench, Snap-On Tool Part No. AN-8508-11. *IMPORTANT:* Use care not to hit injector leakoff fitting with wrench. Breaking and leaking of fitting could result.

STEP 13



Install and connect leakoff lines on fuel injector. Tighten nuts to an estimated 35 to 45 in. lbs. Start engine and check for leaks.

STEP 14



Fuel injectors installed.

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