WhatSizeBolt

Head bolts vs studs: before you order

A pre-order checklist, not a torque chart or installation procedure.

Engine model / type / spec: _____
Head / hardware / proposed kit: _____

☐ 1. Identify the engine completely. Use the full model and type/specification code, not just a brand or engine-family name.

☐ 2. Identify the head arrangement. Confirm the hardware the application specifies and check the relevant parts information.

☐ 3. Name the job. A stock repair and a deliberate hardware change need different source checks.

☐ 4. Verify the exact kit application. Confirm the proposed kit with its maker for this engine and head; similar appearance is not proof of fit.

☐ 5. Check the full joint and clearances. Account for head, gasket and machining. Verify specified hardware can seat and clamp without bottoming or interference.

☐ 6. Use the applicable instructions. Check assembly conditions and hardware-reuse rules. If fit or instructions conflict, stop and consult the manufacturer or a qualified small-engine technician.

Safety: Use a torque wrench for torque-specified steps and follow the applicable manual or kit instructions. Never add torque to force a poor fit.

The cited Kohler manual requires the original mounting-hardware type for its documented configurations. Its stud and screw head arrangements are not a universal interchange. EC’s kit is a separate aftermarket example.

Sources

Kohler Service Manual 24 690 06 Rev. P, printed p.113:
resources.kohler.com/power/kohler/enginesUS/pdf/24_690_06_EN.pdf

EC GXC-305-K listing (separate kit):
eccarburetors.com/predator-212-head-stud-kit

WhatSizeBolt Kohler reference — use alongside the applicable current manual.