

Piston/Piston Rings/Piston Pin

Cylinder Removal

1. Remove the cylinder (1) while holding the piston (2).

NOTICE

*Do not let the cam chain fall into the crankcase.
Do not pry on or strike the cylinder.*

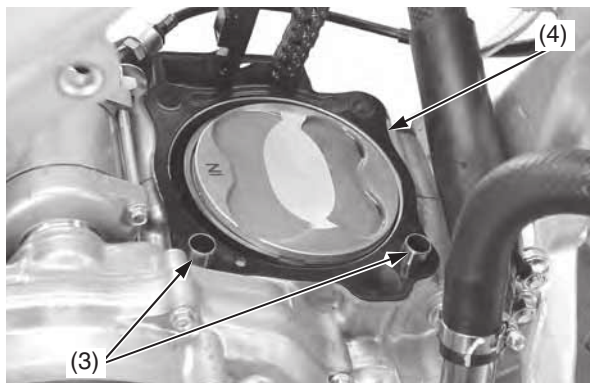


(1) cylinder (2) piston

2. Remove the dowel pins (3) and cylinder gasket (4).

NOTICE

*Do not let the cam chain fall into the crankcase.
Do not let the dowel pins fall into the crankcase.*



(3) dowel pins (4) cylinder gasket

Piston Removal

1. Place clean shop towels (1) in the crankcase to keep the piston pin clips, or other parts, from falling into the crankcase.
2. Remove the piston pin clips (2) using a pair of needle-nose pliers.
3. Press the piston pin (3) out of the piston (4), and remove the piston.

(CRF450RX)

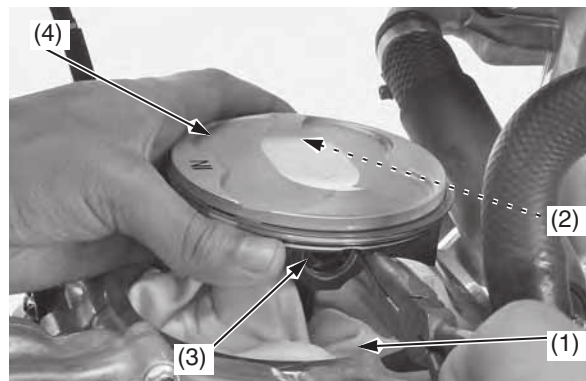
Under racing conditions, the piston, rings and piston pin should be replaced every 4 races or about every 15.0 hours of running.

(CRF450R/RWE)

Under racing conditions, the piston, rings and piston pin should be replaced every 6 races or about every 15.0 hours of running.

NOTICE

*Be careful not to damage or shock the piston pin.
Do not clean the piston pin using a commercially available compound cleaner.*



(1) shop towels (2) piston pin clips
(3) piston pin (4) piston

Piston Ring Removal

Spread each piston ring (1) and remove by lifting it up at a point just opposite the gap.

NOTICE

Do not damage the piston ring by spreading the ends too far.



(1) piston ring