1027-11-84   **John W Jones*** (`jj@asu.edu`), Department of Mathematics and Statistics, ASU, P.O. Box 871804, Tempe, AZ 85287-1804. *Number Fields Unramified Away From 2.*

We consider the question of what number fields and corresponding Galois groups occur with the restriction that 2 is the only rational prime which is allowed to ramify. We will present results which extend the known range from degree 8 fields to degree 15, and which rule out many non-solvable groups as Galois groups. (Received February 16, 2007)