

Download 2011 Mini Cooper Service Manual Timing

Despite being the least-expensive Mini, the base Mini Cooper with a manual transmission is our top-scoring variant. It outscores the faster turbocharged Cooper S and larger Clubman due to its ...The Mini Cooper Reliability Rating is 3.0 out of 5.0, which ranks it 20th out of 21 for subcompact cars. The average annual repair cost is \$903 which means it has poor ownership costs. While the frequency of repairs is high, the likelihood of a major issue is low, so you may experience a few more visits to your shop for minor issues.Exhaust: The MINI R56 N12, N16 and N18 engines utilize two VANOS (variable camshaft timing) solenoids -- one for the intake camshaft (green arrow) and one for the exhaust camshaft (red arrow), mounted to the front of the cylinder head. This tech article will show you how to replace each one. For turbocharged engines, see our tech article on charge air ducts removing, for access to the solenoids.Classic Mini Cooper Performance, Accessories and Tuner Parts. We Also carry a full line of A-Series Parts for your Morris, Sprite or Spridget.