## **2003 BUELL XB9S**

## **SERVICE MANUAL**

## **Part Number 99490-03Y**

Section 1: Maintenance

Section 2: Chassis

Section 3: Engine

Section 4: Fuel System

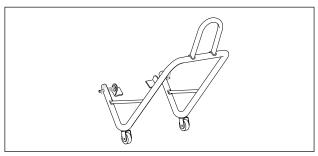
Section 5: Starter

Section 6: Drive/Transmission

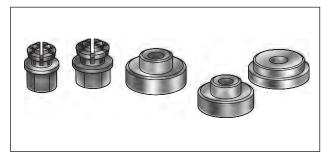
Section 7: Electrical

**Appendices** 

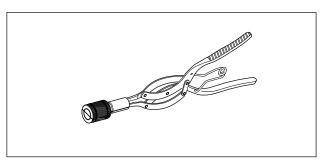
## **APPENDIX A-TOOLS**



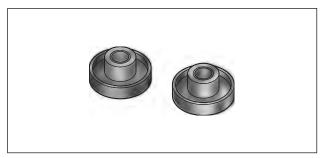
Part No. B-41174 Rear Wheel Support Stand and Part No. B-41174-2 Replacement Pad



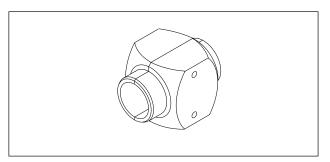
Part No. B-43993-7/-8 Wheel Bearing Collets



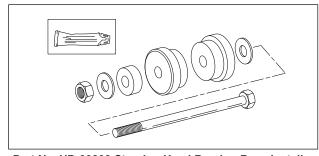
Part No. B-42887 Brake Caliper Piston Remover



Part No. B-45521 Steering Head Bearing Remover/ Installer



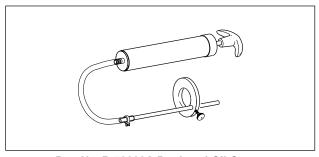
Part No. B-43721 Front Fork Seal Driver



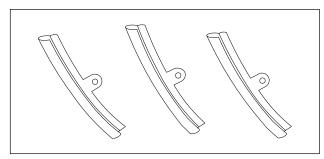
Part No. HD-39302 Steering Head Bearing Race Installer (Used with B-45521)



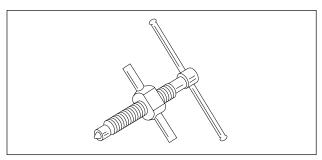
Part No. B-46279 7/8" Axle Wrench (Hex)



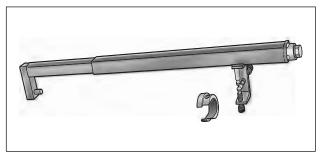
Part No. B-59000A Pro Level Oil Gauge



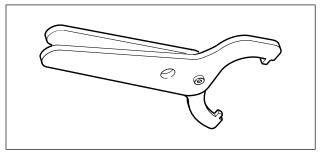
Part No. HD-01289 Rim Protectors



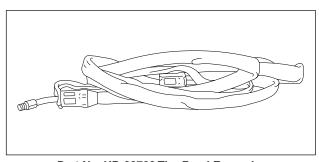
Part No. HD-33418 Universal Puller Forcing Screw



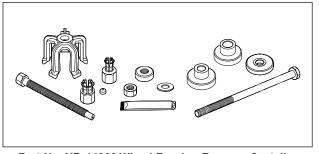
Part No. HD-45966 Fork Spring Compressing Tool



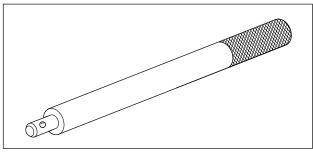
Part No. HD-94700-52C Shock Spanner Preload Adjustment Tool



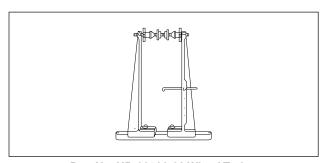
Part No. HD-28700 Tire Bead Expander



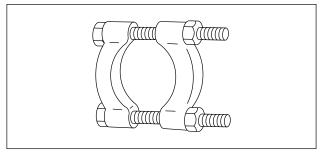
Part No. HD-44060 Wheel Bearing Remover/Installer



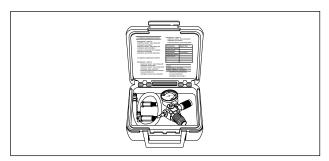
Part No. HD-33416 Universal Driver Handle



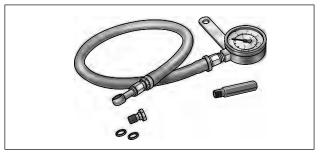
Part No. HD-99500-80 Wheel Truing and Balancing Stand



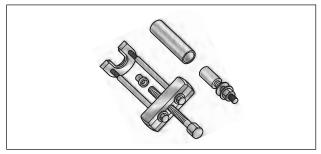
Part No. HD-95637-46A Wedge Attachment for Claw Puller. Use with HD-95635-46.



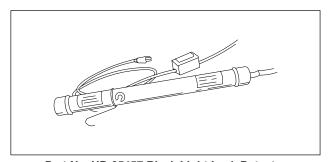
Part No. HD-35667A Cylinder Leakdown Tester



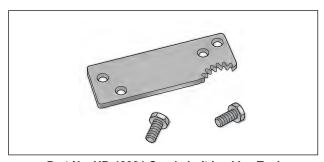
Part No. HD-96921-52A Oil Pressure Gauge



Part No. HD-34902-B Bearing Race Remover/Installer



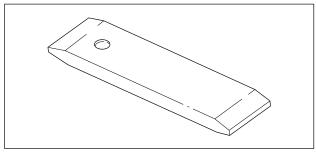
Part No. HD-35457 Black Light Leak Detector



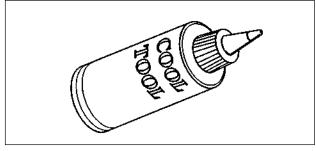
Part No. HD-43984 Crankshaft Locking Tool



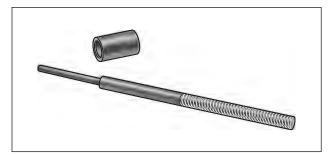
Part No. HD-33223-1 Cylinder Compression Gauge



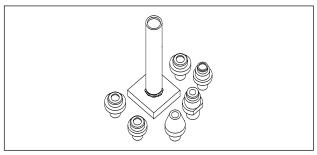
Part No. HD-38362 Sprocket Locking Link



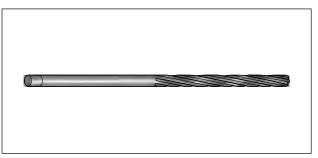
Part No. HD-39964 Reamer Lubricant (Cool Tool)



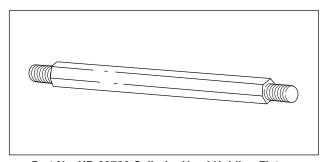
Part No. B-45524 Valve Guide Installer



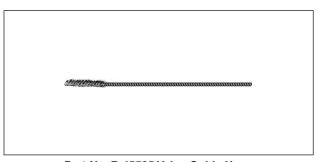
Part No. HD-39782 Cylinder Head Support



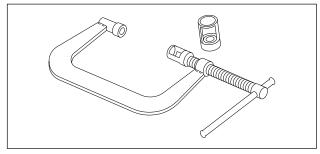
Part No. B-45523 Valve Guide Reamer (7mm)



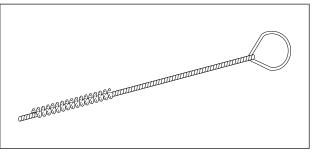
Part No. HD-39786 Cylinder Head Holding Fixture



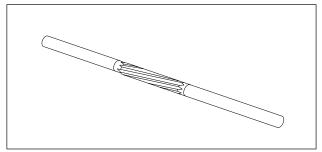
Part No. B-45525 Valve Guide Hone



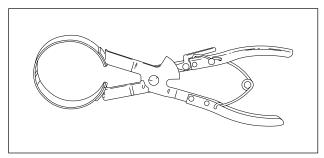
Part No. HD-34736B Valve Spring Compressor



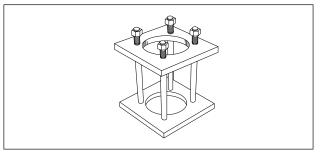
Part No. HD-34751 Nylon Valve Guide Brush



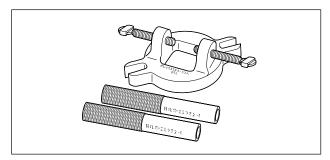
Part No. HD-94804-57 Rocker Arm Bushing Reamer



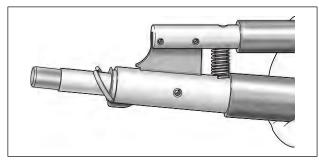
Part No. HD-96333-51C Piston Ring Compressor



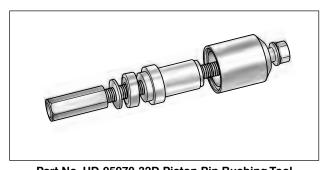
Part No. HD-33446A Cylinder Torque Plates and Torque Plate Bolts Part No. HD-33446-86



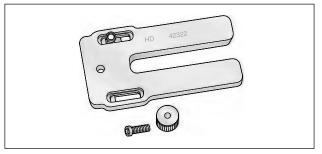
Part No. HD-95952-33B Connecting Rod Clamping Tool



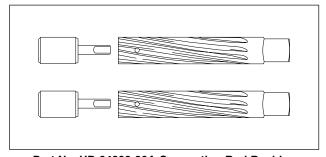
Part No. HD-34623C Piston Pin Retaining Ring Installer/Remover



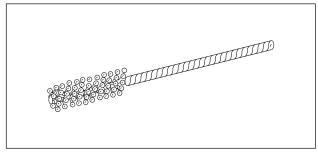
Part No. HD-95970-32D Piston Pin Bushing Tool



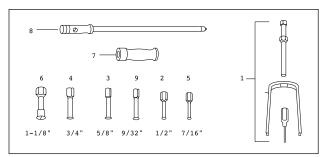
Part No. HD-42322 Piston Support Plate



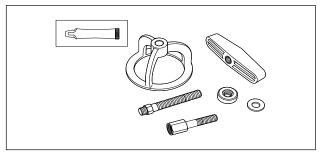
Part No. HD-94800-26A Connecting Rod Bushing Reamers and Pilots



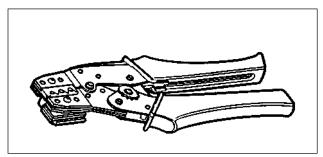
Part No. HD-35102 Wrist Pin Bushing Hone (20 mm)



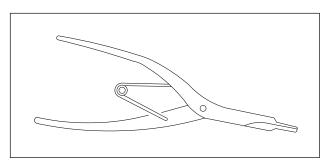
Part No. HD-95760-69A Bushing/Bearing Puller Tool Set. Set includes items 1-7. Items 8 (HD-95769-69), 9 (HD-95770-69) and 10 (HD-95771-69) are optional.



Part No. HD-38515-A Clutch Spring Compressing Tool and Part No. HD-38515-91 Forcing Screw



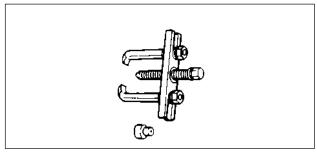
Part No. HD-39965 Deutsch Terminal Crimp Tool



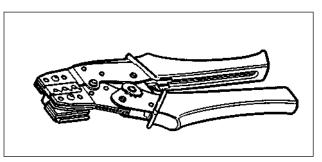
Part No. J-5586 Transmission Shaft Retaining Ring Pliers



Part No. HD-41354 Speedometer Tester



Part No. HD-97292-61 Two Claw Puller



Part No. HD-41609 Amp Terminal Crimp Tool