

Date : **February 9 2007**      Subject : **Service Tools**      No      2007-6

Year	Model
All	All

BRP is proud to introduce its latest Service Tools Bulletin. These special tools were designed to help you efficiently service BRP vehicles. Please always make sure to use special tools along with the appropriate Shop Manual(s) and respect all safety measures.

**Mandatory Tools:** These tools are absolutely needed to perform certain service procedures. They will be automatically shipped to dealerships. They do not need to be ordered separately.

**Recommended Tools:** These tools will facilitate the Technicians work. They will not be automatically shipped to dealerships. They need to be ordered separately.



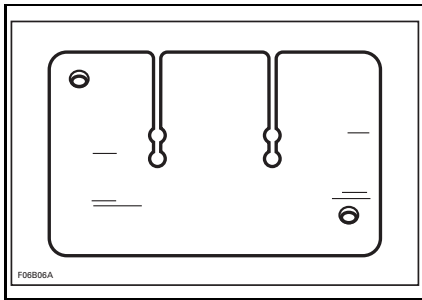
### Table of contents

**Tools by System:**

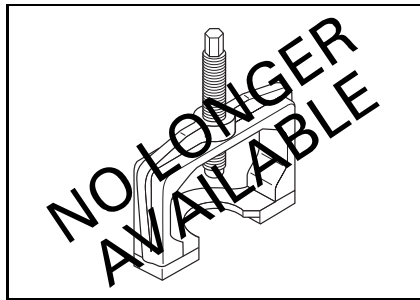
Engine .....	P	2
Lubrication .....	P	9
Cooling .....	P	10
Electrical .....	P	11
Fuel .....	P	14
Propulsion / Transmission .....	P	15
Steering .....	P	17
Suspension .....	P	17
Various .....	P	18

<b>Index of tools by Part Number:</b> .....	P	20
---	---	----

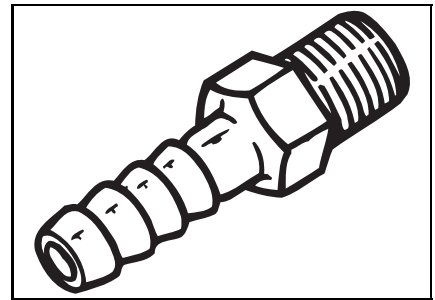
# Engine



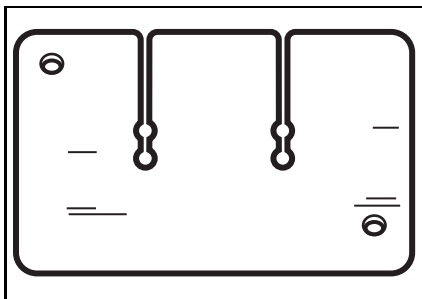
Protective Rubber Pad  
**P/N 290 877 032** Recommended  
 947 DI engines



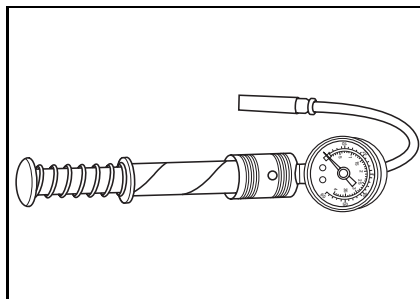
Gear / Bearing Puller  
**P/N 290 877 665** Recommended  
 787 engines  
 No longer sold; a standard puller can be used.



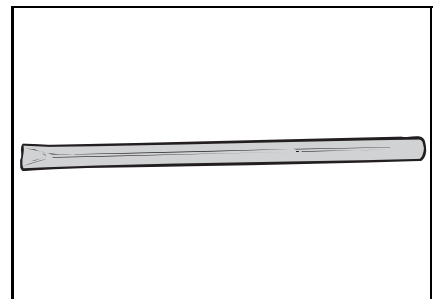
Male Fitting  
**P/N 295 000 086** Recommended  
 4-TEC 1503  
 To test jet pump tightness on 2-stroke.



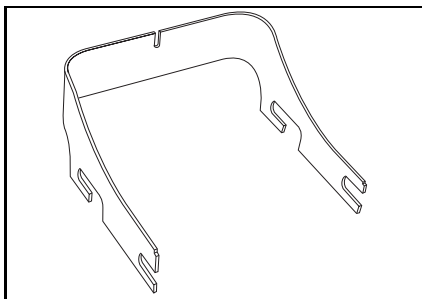
Protective Carpet  
**P/N 295 000 101** Recommended  
 717 / 787 RFI engines  
 So piston bearing does not fall in base during replacement.



Leakage Tool MIKUNI BN Pump  
**P/N 295 000 114** Recommended  
 All carbureted engines  
 To leak test carburetor pop-off pressure.



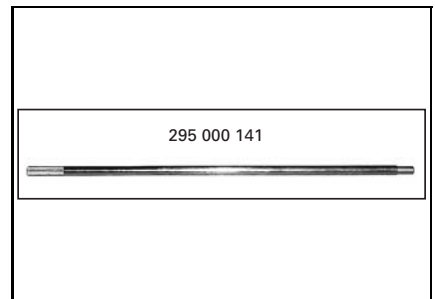
FLYWHEEL HOLDER  
**P/N 295 000 125** **Mandatory**  
 587/657/717 engines  
 Use with 420 876 080.



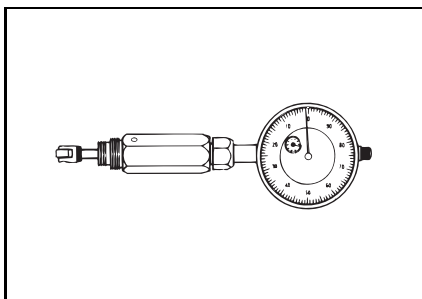
Timing Gauge 717  
**P/N 295 000 130** Recommended  
 717 engines



Timing Gauge  
**P/N 295 000 135** Recommended  
 787, 787 RFI, 947, 947 DI engines



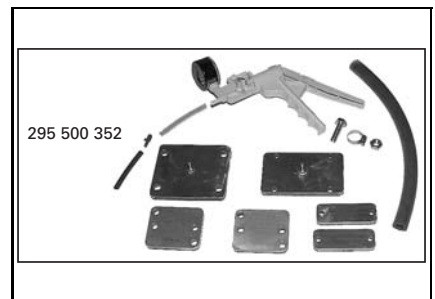
Shaft Alignment Tool  
**P/N 295 000 141** **Mandatory**  
 All models



TDC Dial Indicator  
**P/N 295 000 143** Recommended  
 2-stroke engines except DI

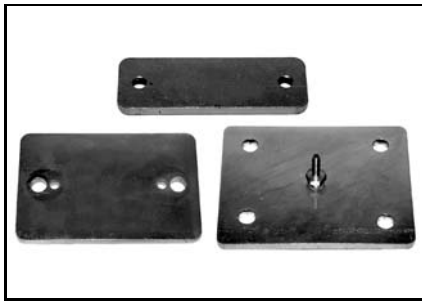


Flywheel Puller  
**P/N 295 000 156** **Mandatory**  
 787 RFI

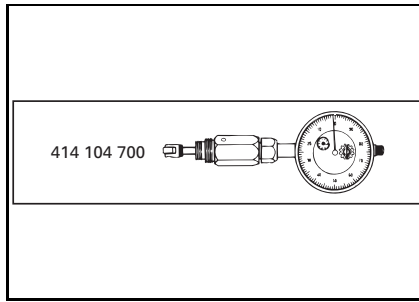


Engine Leak Test Kit  
**P/N 295 500 352** **Mandatory**  
 All 2-stroke engines  
 Kit includes vacuum pump 529 021 800.

# Engine



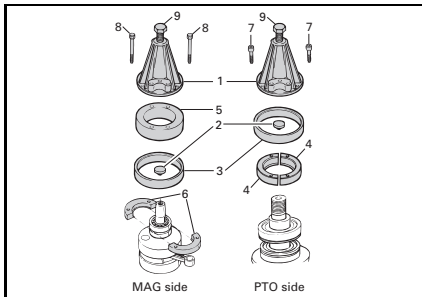
**LEAK SUPPLEMENT KIT**  
**P/N 295 500 780** **Mandatory**  
 787 RFI / 947 DI  
 Kit includes 296 000 024/ 296 000 025/  
 296 000 026/ 296 000 027



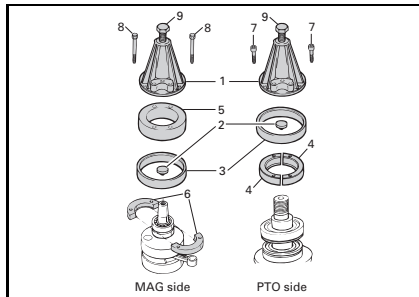
**TDC Dial Indicator 25 mm**  
**P/N 414 104 700** Recommended  
 947 DI engines  
 For ignition timing static measurement



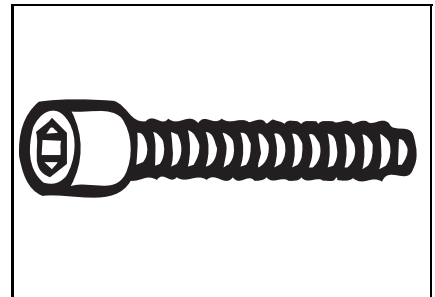
**HALF RING PULLER MAG**  
**P/N 420 276 025** Recommended  
 717 engine  
 To remove crankshaft bearings.



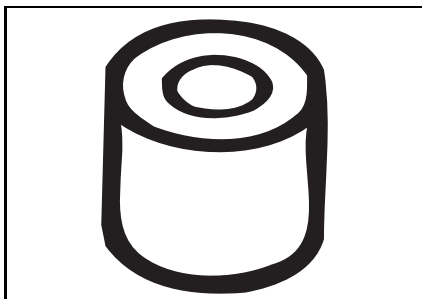
**Screw M8x40 (item #7)**  
**P/N 420 840 681** Recommended  
 All 2-stroke engines



**Screw M8x70 (item #8)**  
**P/N 420 841 201** Recommended  
 All 2-stroke engines  
 To be used with P/N 420 877 635.



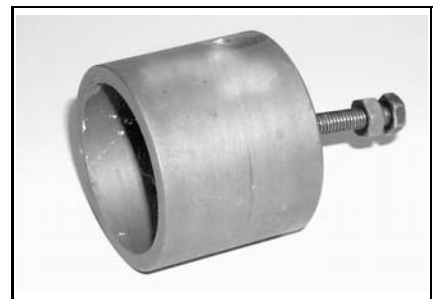
**Screw M8x35 (qty 3)**  
**P/N 420 841 591** Recommended  
 717 engines  
 To be used with 520 035 533.



**Sleeve**  
**P/N 420 847 220** Recommended  
 717 engines  
 Use with 420 876 080.



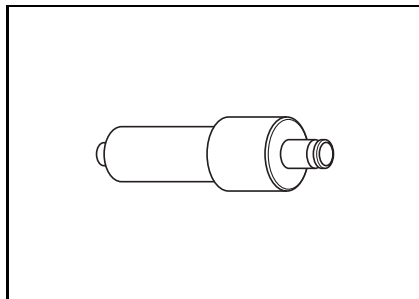
**Half ring puller**  
**P/N 420 876 330** Recommended  
 947 & 947 DI engines  
 To remove 52 mm O.D. bearings from the  
 crankshaft.



**Rotary Valve Shaft Puller**  
**P/N 420 876 488** Recommended  
 717, 787 & 787 RFI engines  
 Kit includes 420 240 860 / 232 400 414.



**Rotary Valve Bearing Pusher**  
**P/N 420 876 501** Recommended  
 717, 787 & 787 RFI engines



**Starter Drive Seal Pusher**  
**P/N 420 876 502** Recommended  
 947 & 947 DI engines  
 For starter drive

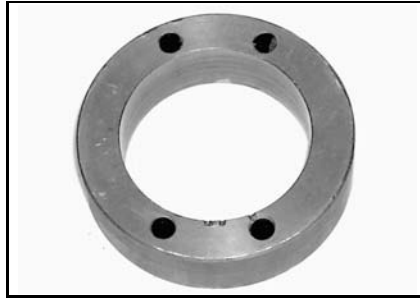


**Crankshaft Protector**  
**P/N 420 876 552** Recommended  
 All 2 stroke, except 247 (PTO)  
 Use with 420877635

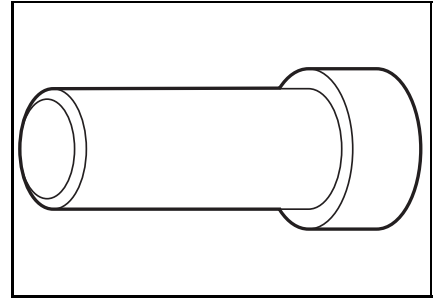
# Engine



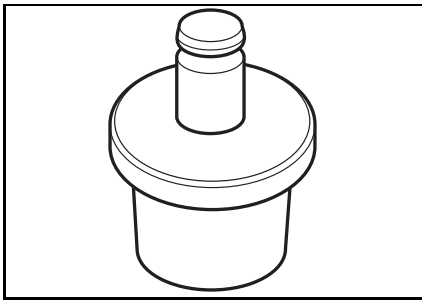
Crankshaft Protector  
**P/N 420 876 557** Recommended  
 717 / 787 RFI / 800R / 800 HO



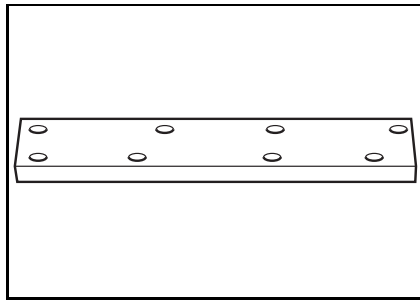
Crankshaft Distance Ring (MAG)  
**P/N 420 876 569** Recommended  
 All 2-stroke engines



Rotary Valve Shaft Installer  
**P/N 420 876 605** Recommended  
 717 engines & older than 1990



Rotary Valve Shaft Installer  
**P/N 420 876 609** Recommended  
 787 & 787 RFI engines  
 Use with 420 877 650



Cylinder Alignment Tool  
**P/N 420 876 904** Recommended  
 717 engines



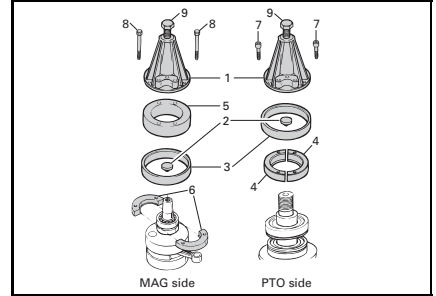
PISTON RING COMPRESSOR 88mm  
**P/N 420 876 965** Recommended  
 947 & 947 DI engines



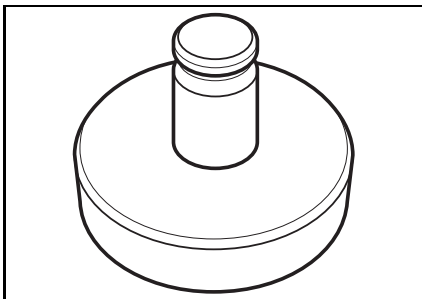
PISTON RING COMPRESSOR 82mm  
**P/N 420 876 979** Recommended  
 717, 787 & 787 RFI engines



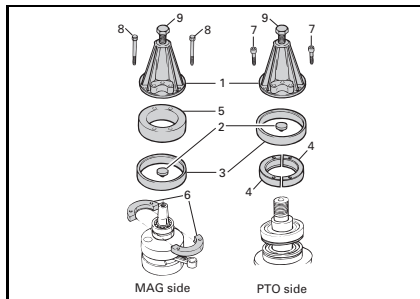
Crankshaft Protector  
**P/N 420 877 414** **Mandatory**  
 947 DI engines



Puller et bolt (item 1 & 9)  
**P/N 420 877 635** Recommended  
 All 2-stroke engines



Oil Seal Pusher  
**P/N 420 877 740** Recommended  
 787 RFI engines  
 Used with 420 877 650.

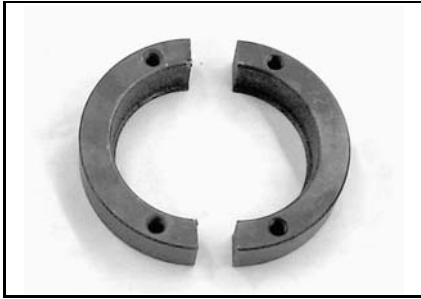


Replacement Puller Bolt (item #9)  
**P/N 420 940 755** Recommended  
 All 2-stroke engines  
 To use with puller P/N 420 877 635.

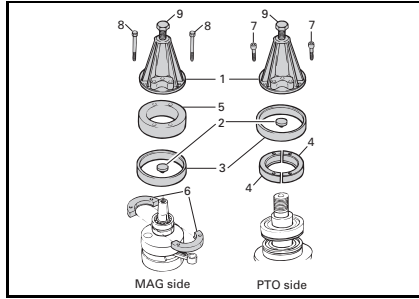


Flywheel puller  
**P/N 420 976 235** **Mandatory**  
 247, 787, 787 RFI, 947 & 947 DI engines  
 Replacement bolt P/N 529 035 549.

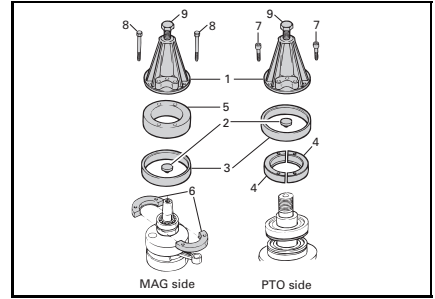
# Engine



**HALF RING PULLER**  
**P/N 420 977 475** Recommended  
 717 / 787 RFI engines



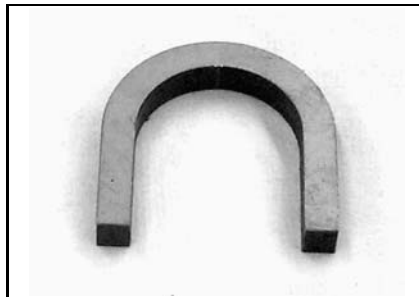
**HOLDER RING (item #3)**  
**P/N 420 977 480** Recommended  
 947DI engines



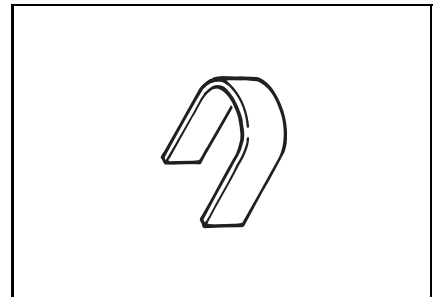
**RING PULLER (item #3)**  
**P/N 420 977 490** Recommended  
 717/787RFI engines



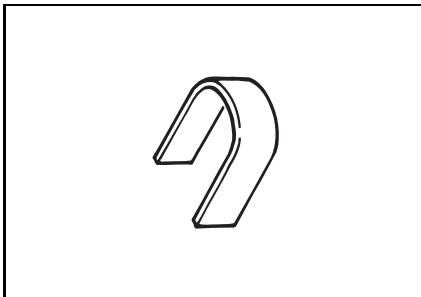
**Vacuum Pressure Gauge**  
**P/N 529 021 800** Recommended  
 All models



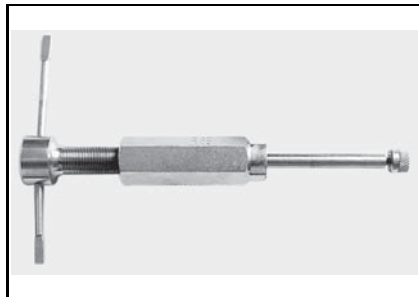
**Distance Gauge 14 mm**  
**P/N 529 034 800** Recommended  
 717 engines



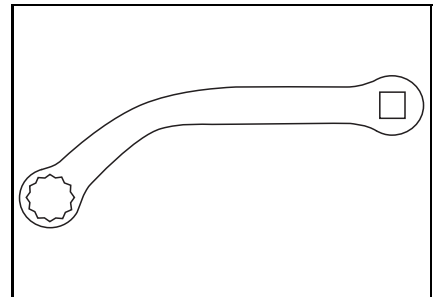
**Distance Gauge 15.4mm**  
**P/N 529 034 900** Recommended  
 787 RFI engines



**Distance Gauge 7.5mm (PTO)**  
**P/N 529 035 000** Recommended  
 947 DI Engine



**Piston pin puller**  
**P/N 529 035 503** **Mandatory**  
 All 2-stroke engines



**Exhaust Wrench 15mm**  
**P/N 529 035 505** **Mandatory**  
 947 DI engines



**Replacement Protector Sleeve**  
**P/N 529 035 513** Recommended  
 To be used with P/N 529 035 503.

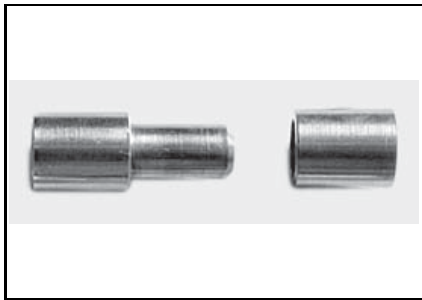


**Flywheel Tool**  
**P/N 529 035 533** **Mandatory**  
 All 947 and 947 DI  
 Use in conjunction with 529 035 547 puller  
 and 295 000 125 holder.

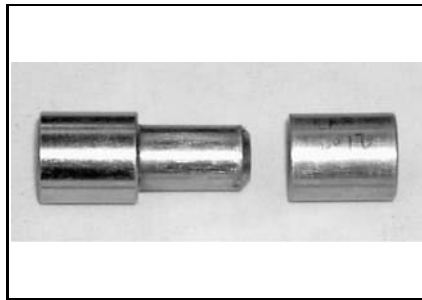


**Sleeve kit 18 mm**  
**P/N 529 035 541** Recommended  
 Ski-Doo 277, Sea-Doo 587  
 To install cageless bearings. Used with  
 529035503

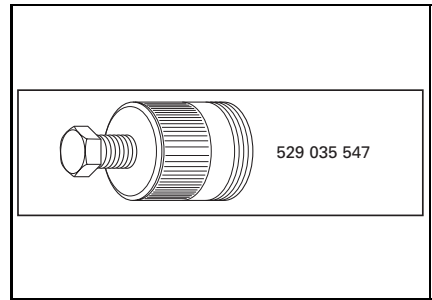
# Engine



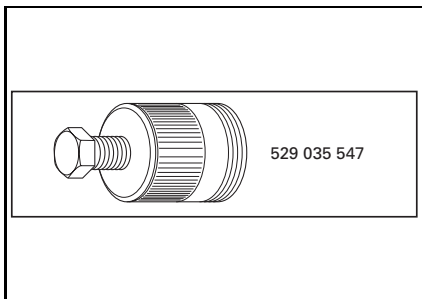
Sleeve kit 20 mm  
**P/N 529 035 542** **Mandatory**  
 717, 787 RFI, 600, 800HO  
 Used with 529035503



SLEEVE Kit 21mm  
**P/N 529 035 543** **Mandatory**  
 947, 947 DI, 800 R Engines  
 To install cageless bearings. Used with  
 529035503



Flywheel Puller  
**P/N 529 035 547** **Mandatory**  
 717, 947 & 947 DI engines  
 Replacement bolt 529035549. Use  
 420876080/295



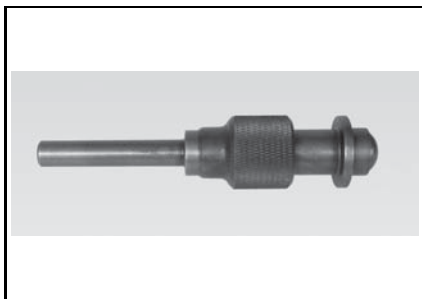
Replacment Bolt M16  
**P/N 529 035 549** **Recommended**  
 787 RFI / 947 / 947 DI engines  
 Goes with 529 035 547 & 420 976 235.



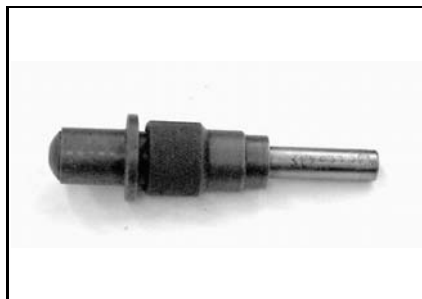
Spring Installer Remover  
**P/N 529 035 559** **Recommended**  
 Replaced by 529035983 or 529035989



Circlip Insertion Tool 18 mm  
**P/N 529 035 561** **Recommended**  
 Sea-Doo 587, Ski-Doo 277 engines



Circlip insertion Tool 20 mm  
**P/N 529 035 562** **Recommended**  
 593, 670, 693, 717, 787 & 787 RFI engine  
 Sleeve without groove P/N 529 035 567  
 also available.



Circlip Insertion Tool 21 mm  
**P/N 529 035 563** **Recommended**  
 947 & 947 DI engines  
 Sleeve without groove, P/N 529 035 569  
 also available.



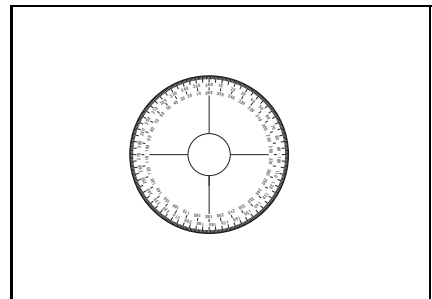
20 mm Sleeve  
**P/N 529 035 567** **Recommended**  
 Use with 529 035 562.



21 mm Sleeve  
**P/N 529 035 569** **Recommended**  
 Use with puller P/N 529 035 563.



Insert Alignment Tool  
**P/N 529 035 590** **Mandatory**  
 XP & XP DI models



Degree Wheel  
**P/N 529 035 607** **Mandatory**  
 717, 787 & 787 RFI engines

# Engine



Engine Leak Down Test Kit  
**P/N 529 035 661** Recommended  
 All 4-troke engines  
 To perform a leak down test on engine.



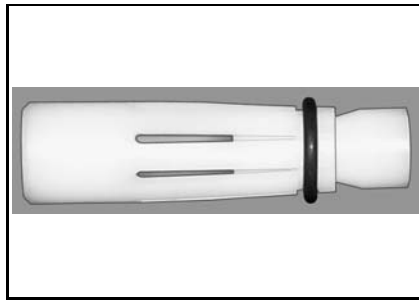
Valve Stem Seal Installer  
**P/N 529 035 687** Recommended  
 4-TEC engines



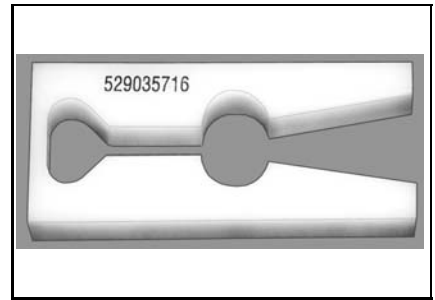
Intake Plug  
**P/N 529 035 708** **Mandatory**  
 947DI engines



COMPRESSOR RING  
**P/N 529 035 713** **Mandatory**  
 947DI engines



Carbon Dam Guide  
**P/N 529 035 715** **Mandatory**  
 947 DI engines



Carbon Dam Compressor  
**P/N 529 035 716** **Mandatory**  
 947 DI engines



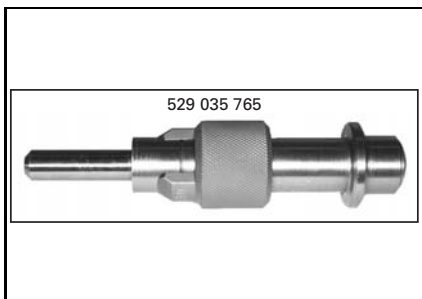
SHAFT ALIGNMENT TOOL  
**P/N 529 035 719** **Mandatory**  
 4-TEC engines



Valve spring compressor  
**P/N 529 035 724** Recommended  
 4-TEC engines



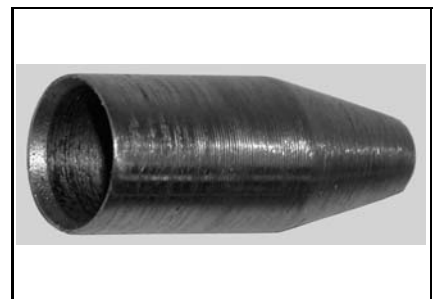
Valve spring compressor cup  
**P/N 529 035 725** Recommended  
 4-TEC engines  
 To be used with 529 035 724.



Piston Circlip Installer  
**P/N 529 035 765** **Mandatory**  
 4-TEC engines

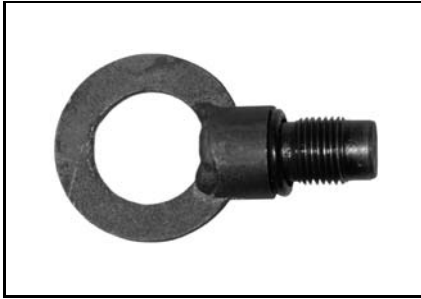


CRANKSHAFT LOCKING TOOL  
**P/N 529 035 821** **Mandatory**  
 4-TEC 1503 engines

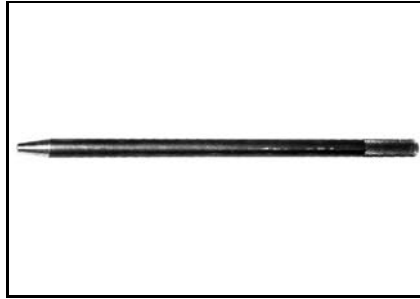


OIL SEAL GUIDE  
**P/N 529 035 822** **Mandatory**  
 4-TEC 1503 engines

# Engine



Engine lifting ring  
**P/N 529 035 830** Recommended  
 All 2-stroke engines



CAMSHAFT LOCKING TOOL  
**P/N 529 035 839** **Mandatory**  
 V1000, V1300 & 1503 engines



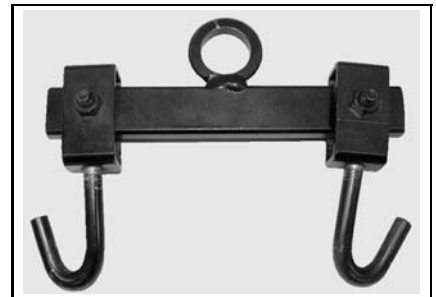
RING GEAR BLOCKING TOOL  
**P/N 529 035 846** **Mandatory**  
 787 & 787 RFI engines



Suction pump tool  
**P/N 529 035 880** Recommended



TORX ADAPTOR  
**P/N 529 035 938** **Mandatory**  
 4-TEC 1503 SC engines



2-stroke engine lifting hook  
**P/N 529 035 940** Recommended  
 All 2-stroke engines



RING GEAR BLOCKING TOOL  
**P/N 529 035 946** **Mandatory**  
 947 & 947 DI engines



SUPPORT PLATE  
**P/N 529 035 947** **Mandatory**  
 4-TEC 1503 SC  
 To hold the supercharger assembly in a vise for disassembly and assembly.



FOUR PIN SOCKET  
**P/N 529 035 948** **Mandatory**  
 4-TEC 1503 SC  
 To remove the retaining disc of the supercharger ground plate. Open driven



BEARING PUSHER/SUPPORT  
**P/N 529 035 950** **Mandatory**  
 4-TEC 1503 SC engines  
 To install bearing of the supercharger ground plate.



Crank shaft bearing puller  
**P/N 529 036 004** Recommended  
 2 strokes Engine



Supercharger Gear Holder  
**P/N 529 036 025** **Mandatory**  
 4-TEC 1503 SC



## Engine



Supercharger Retaining Key

P/N 529 036 027

**Mandatory**

4-TEC 1503 SC

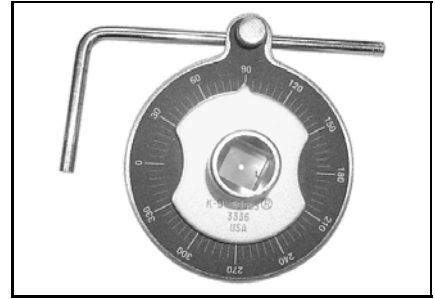


Piston ring compressor

P/N Snap-on RC 980 Recommended

4-TEC

Not sold by BRP

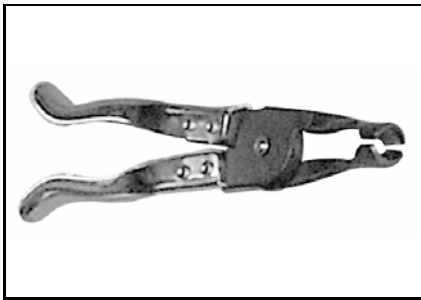


Torque angle gauge

P/N Snap-on TA362 Recommended

4-TEC V1000 & 1503

Not sold by BRP



Valve stem seal removal pliers

P/N Snap-on YA 8230 Recommended

1503

Not sold by BRP

## Lubrication



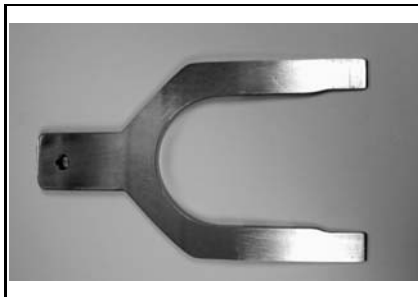
Oil Pressure Adaptor

P/N 529 035 652

**Mandatory**

4-TEC engines

Used with 529 035 709.

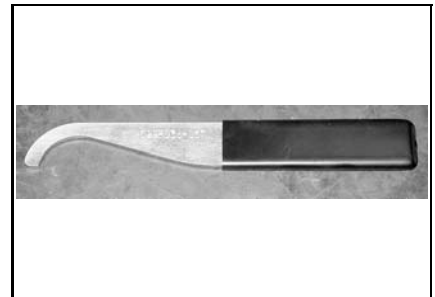


OIL FILTER COVER EXTRACTOR

P/N 529 036 038

Recommended

4-TEC 1503



Oil Filter Cover Puller

P/N 529 036 057

Recommended

4-TEC 1503

Used with 529 036 038.

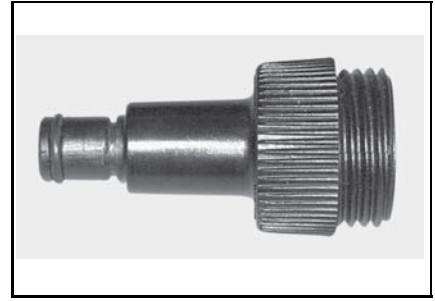
## Cooling



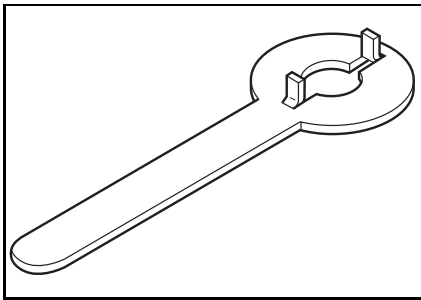
Flush Kit  
**P/N 295 500 068** Recommended  
 97-98 GTS



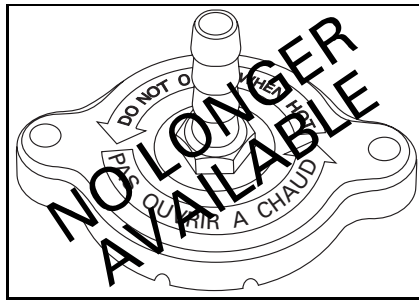
Flushing Kit Hose  
**P/N 295 500 258** Recommended  
 All models (except GTS)



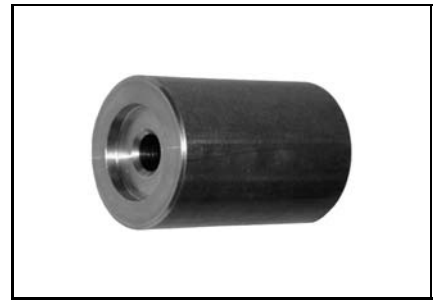
Flushing Adaptor  
**P/N 295 500 473** Recommended  
 All models



Coolant oil pump gear holder  
**P/N 420 277 905** **Mandatory**  
 717, 583, 670, 599, 699, 779, 809 engine



Radiator Cap Pressure Test  
**P/N 529 021 400** Recommended  
 4-TEC models  
 Replacement part for item also included in  
 kit 861749100



Coolant Pump Seal Pusher  
**P/N 529 035 823** **Mandatory**  
 4-TEC 1503



Coolant Pressure Cap  
**P/N 529 035 991** Recommended  
 To be used with Pressure Pump 529 021  
 800.

## Electrical



MPI communication cables only  
**P/N 278 001 052** Recommended  
 MPI not included



D.E.S.S. Adaptor  
**P/N 278 001 978** Recommended  
 MY 2003-05 787 RFI models  
 To be used with the MPI or MPI-2.



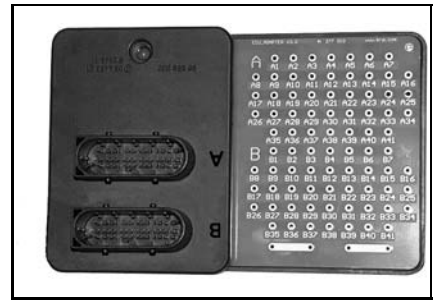
Magneto Harness 4 Pins  
**P/N 295 000 131** Recommended  
 717 engines  
 To test the magneto.



Magneto Harness 6 Pins  
**P/N 295 000 136** Recommended  
 787, 787 RF, I 947 & 947 DI engines  
 Replaced by 259 035 604



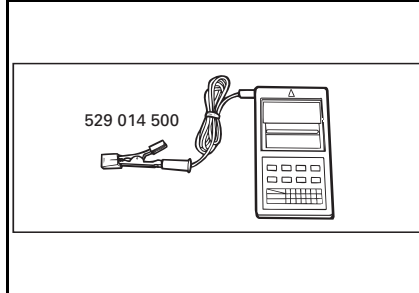
Suction Cup  
**P/N 295 000 163** Recommended  
 To remove gauges.



ECM troubleshooting tool  
**P/N 420 277 010** **Mandatory**  
 All injected 2-TEC & 4-TEC with VDO  
 ECM



MPEM programmer guide  
**P/N 484 300 139** Recommended  
 Describes how to use the hand held progr  
 Has been replaced by B.U.D.S., the MPI  
 and recently by the MPI-2.



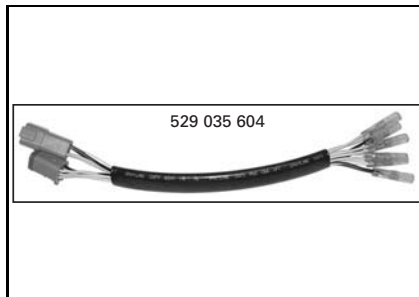
Digital Induction Tachometer  
**P/N 529 014 500** Recommended  
 All



Stroboscopic Timing Light  
**P/N 529 031 900** Recommended  
 All 2-stroke



Choke Nut Removal Tool  
**P/N 529 034 600** Recommended  
 Replaced by 529035943



Magneto harness  
**P/N 529 035 604** Recommended  
 787, 787 RFI, 947 & 947 DI engines  
 To test magneto.

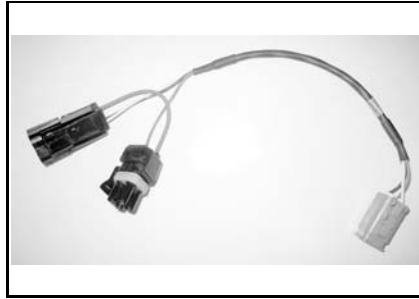


Diagnostic Adaptor for VCK  
**P/N 529 035 679** Recommended  
 To be used with the MPI, connects to 529  
 035 807.

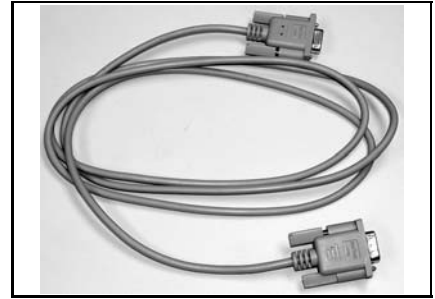
## Electrical



9 Pins to 25 Pins Adaptor  
**P/N 529 035 681** Recommended  
 To connect communication cable P/N 529 035 697 of MPI to older PC.



D.E.S.S 4 Pin Adaptor  
**P/N 529 035 685** Recommended  
 1998-2002 787 RFI engines  
 Disconnect the D.E.S.S. post and connect in series, then to MPI.



MPI Communication Cable  
**P/N 529 035 697** Recommended  
 To connect the MPI to a PC.



MPI 25 FT Extension Cable  
**P/N 529 035 703** Recommended  
 Will not fit on the MPI-2.



Crimping Plier for Heavy Gage Wire  
**P/N 529 035 730** Recommended  
 All models  
 Ex.: To crimp battery cable terminals.



Digital Multimeter (basic model)  
**P/N 529 035 774** Recommended



MPI Diagnostic Cable  
**P/N 529 035 807** Recommended  
 To connect a vehicle to the MPI. Connects to P/N 529 035 679.



Fluke 111 Digital Multimeter  
**P/N 529 035 868** Recommended  
 All



MPEM programmer kit  
**P/N 529 035 878** Recommended  
 All 2-stroke models  
 No longer sold, replaced by MPI-2, P/N 529 036 018.



D.E.S.S. Adaptor  
**P/N 529 035 904** **Mandatory**  
 Connects to the diagnostic cable of the MPI or MPI-2.



KOSTAL Die  
**P/N 529 035 906** Recommended  
 All models with KOSTAL ECM connectors  
 To use with crimping tool 529 035 909 to crimp ECU connectors

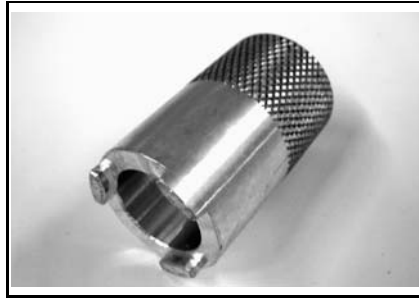


AMP Die  
**P/N 529 035 908** Recommended  
 All models with AMP connectors  
 To use with crimping tool 529 035 909 to crimp Deutsch connectors.

## Electrical



Crimping Tool  
**P/N 529 035 909** Recommended  
 To use with compatible die to crimp different connectors



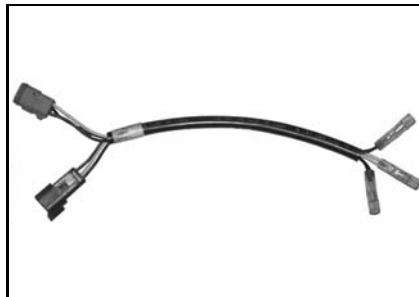
D.E.S.S. Post Remover  
**P/N 529 035 943** Recommended  
 All DESS equipped models



MPI Communication Kit  
**P/N 529 035 981** Recommended  
 Spare cables are still available. See MPI-2



Handheld MEM Programme Cable  
**P/N 529 035 993** Recommended  
 6 pin connector



Three Pin Magneto Harness  
**P/N 529 036 016** Recommended  
 1503 4-TEC  
 To test the magneto.



787 RFI Timing Tool  
**P/N 529 036 017** **Mandatory**  
 MY 2005, 787 RFI  
 To replace temperature sensor during timing procedure.



MPI-2 Interface Card  
**P/N 529 036 018** **Mandatory**  
 Replaces the MPI.



D.E.S.S. Post Interface  
**P/N 529 036 019** **Mandatory**  
 To programm D.E.S.S. keys with the MPI-2.

## Fuel



Fuel pressure gauge

P/N 529 035 591

**Mandatory**

787 FRI, 793 SDI & 4-TEC engines  
Spare plastic clip P/N 275500429



Oil/fuel pressure gauge

P/N 529 035 709

**Mandatory**

2-TEC SDI, 4-TEC & DI engines  
Use with 529035652, 529035714 & 529036023



Fuel Gauge T Adaptor

P/N 529 035 710

**Mandatory**

947 DI engines  
Use with gauge P/N 529035709 and P/N 529 035 714.



Pressure Relief Valve Adaptor

P/N 529 035 711

**Mandatory**

947 DI engines  
Use with gauge P/N 529035709 and P/N 529 035 714.



Air Compressor Adaptor

P/N 529 035 712

**Mandatory**

947 DI engines  
Use with gauge P/N 529035709 and P/N 529 035 714.



Fuel Line Remover

P/N 529 035 714

**Mandatory**

Used also with gauge P/N 529 035 709 and adaptors.

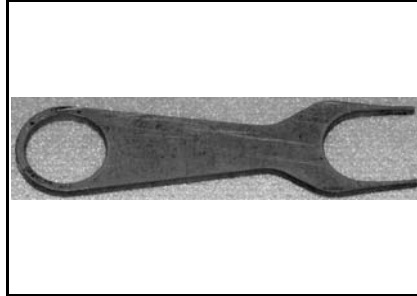


Fuel pressure T adaptor

P/N 529 036 023

Recommended

Injection type vehicles  
To be used with 529 035 709.  
Replacement clip 513 033 135



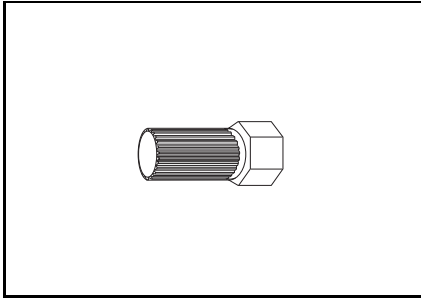
Fuel Hose Connector Tool

P/N 529 036 037

Recommended

4-TEC 1503  
Disconnect fuel hose

## Propulsion / Transmission

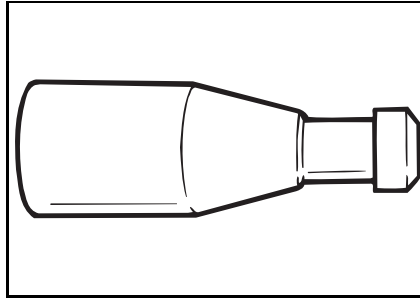


PTO FLYWHEEL/IMPELLER TOOL

P/N 295 000 001

**Mandatory**

All 2-stroke

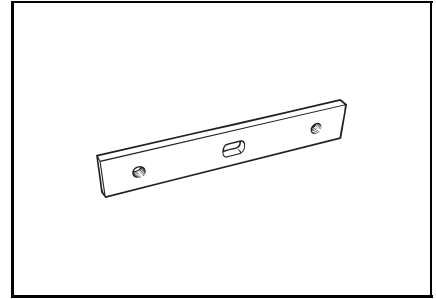


IMPELLER SHAFT GUIDE TOOL

P/N 295 000 002

**Mandatory**

All 2-stroke models

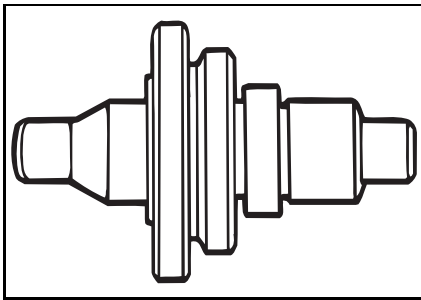


IMPELLER SHAFT HOLDER

P/N 295 000 082

**Mandatory**

2-stroke models

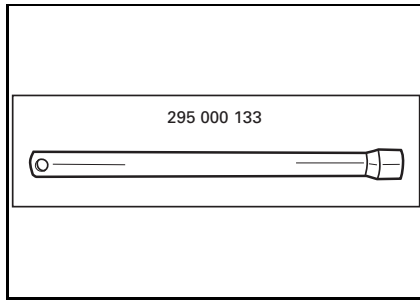


Bearing / Seal Installer Tool

P/N 295 000 107

**Mandatory**

All 2-stroke engines

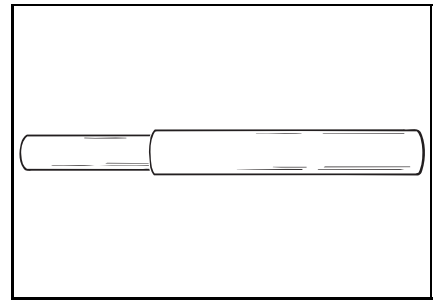


VTS Socket

P/N 295 000 133

Recommended

All VTS equipped



Jet Pump Bearing Remover

P/N 295 000 144

**Mandatory**

All 2-stroke models

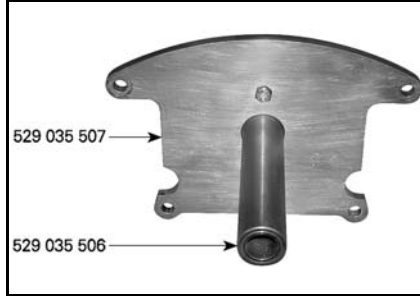


Alignment Adaptor

P/N 295 000 157

Recommended

HX & XP models until 1998



Engine alignment Tool

P/N 529 035 506

**Mandatory**

All 155.6mm and 139.5mm jet pump

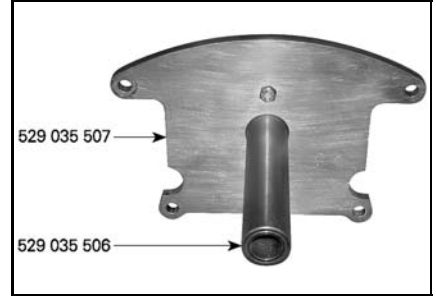


Plate for engine Alignment

P/N 529 035 507

**Mandatory**

155.6 mm jet pump



Pump Plate

P/N 529 035 508

**Mandatory**

139.5 mm jet pump  
Used with 529 035 506.



Inner Seal Installer

P/N 529 035 609

**Mandatory**

All 155.6mm jet pump models



Pump Bearing Pusher

P/N 529 035 818

**Mandatory**

4-TEC 1503 models

## Propulsion / Transmission



SEAL/BEARING PUSHER

P/N 529 035 819

**Mandatory**

4-TEC 1503 models

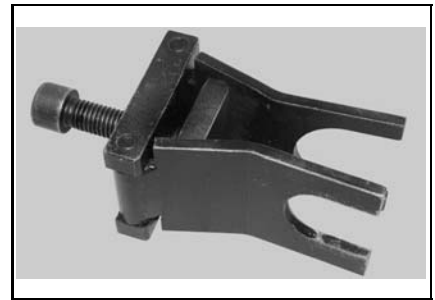


Impeller Removing Tool

P/N 529 035 820

**Mandatory**

4-TEC 1503 NA and BV  
Also used to turn the engine.



Floating ring tool

P/N 529 035 841

**Mandatory**

1503 engine without super charger

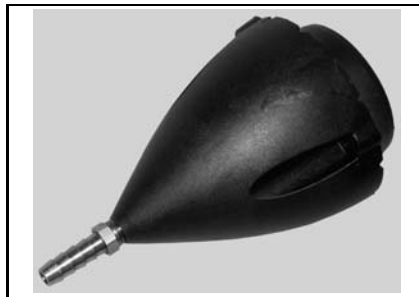


PTO SUPPORT TOOL

P/N 529 035 842

**Mandatory**

4-TEC 1503 models

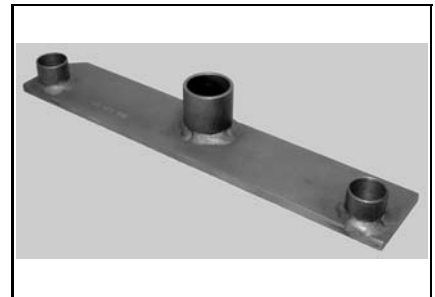


Pressure Cap

P/N 529 035 843

**Mandatory**

4-TEC 1503 models

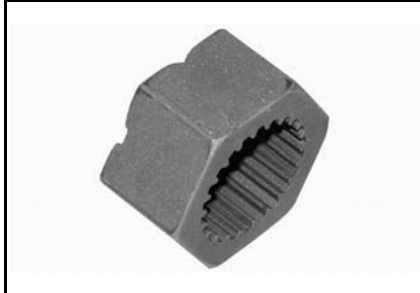


Drive Shaft holder

P/N 529 035 871

**Mandatory**

4-TEC models, except RXP  
Replaced by 529 035 986 (RXP) tool that fits all 4-TEC.



Drive Shaft Adapter

P/N 529 035 892

**Mandatory**

4-TEC 1503 engines (except BV IC)  
Install on drive shaft to turn engine as required.



Sea/Bearing Pusher

P/N 529 035 955

**Mandatory**

2004 4-TEC Plastic & Aluminum Jet Pump  
Tool used to push out impeller shaft and install back bearing in pump.

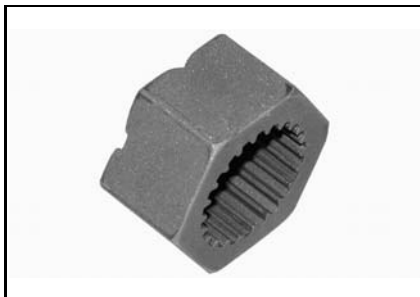


Impeller Removing Tool

P/N 529 035 956

**Mandatory**

SC IC Models  
Tool used to remove and install impeller

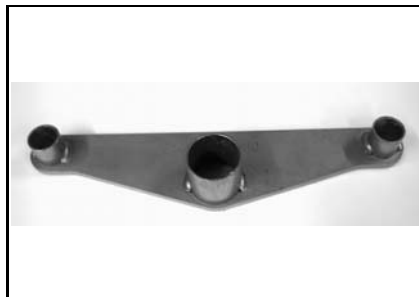


Drive Shaft Adapter

P/N 529 035 985

**Mandatory**

RXP (BV IC)  
To install on driveshaft for turning engine as required.



Drive Shaft Holder

P/N 529 035 986

**Mandatory**

All 4-TEC 1503  
To hold driveshaft in place when using the floating ring tool.



Floating ring tool

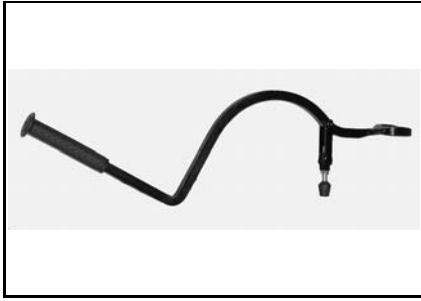
P/N 529 035 987

**Mandatory**

1503 engines with supercharger  
Tool used to push the floating ring to expose C-clip on drive shaft



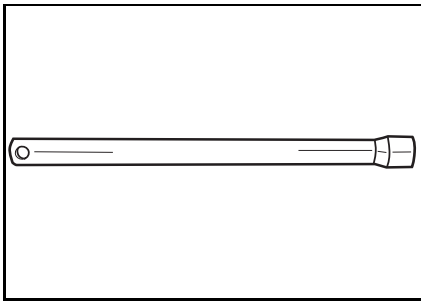
## Propulsion / Transmission



Drive Shaft C-Clip Remover

P/N 529 036 026 Recommended  
4-TEC 1503

## Steering



Steering Cable Tool

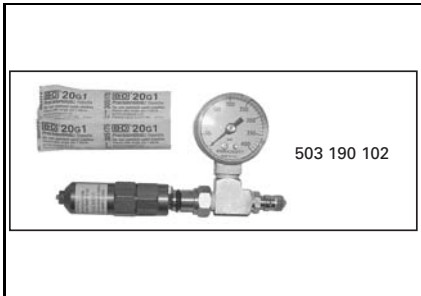
P/N 295 000 145 Recommended  
All



O.P.A.S. CYLINDER NUT WRENCH

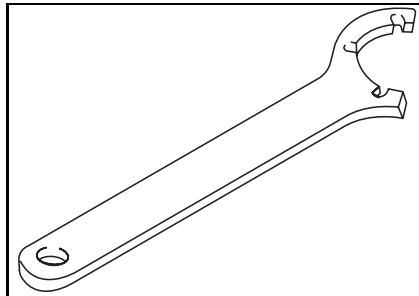
P/N 529 035 840 **Mandatory**  
All O.P.A.S. models

## Suspension



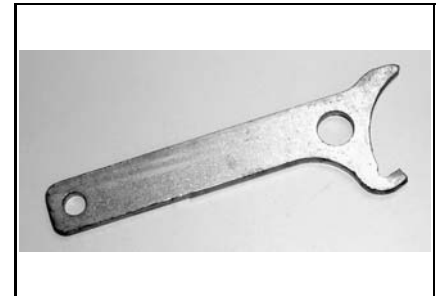
Gas shock filling tool

P/N 503 190 102 Recommended  
T/A shocks  
To be used with P/N 529 035 570. Spare  
needle P#N 529035930.



Suspension Adjustment Wrench

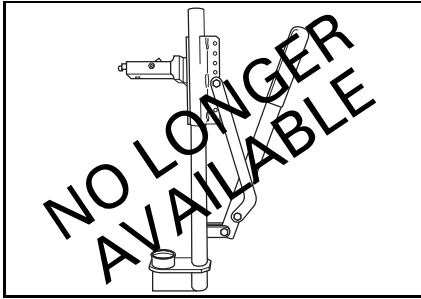
P/N 529 012 200 Recommended



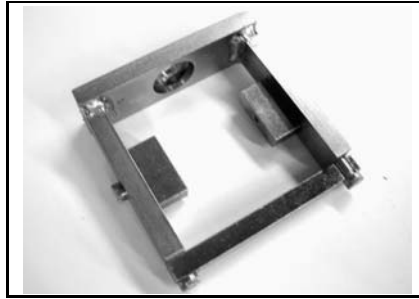
Suspension Adjustment Wrench

P/N 529 032 900 Recommended  
SC-10 II suspension

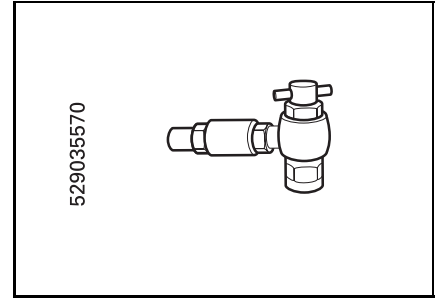
## Suspension



Spring Compressor  
**P/N 529 035 504** Recommended  
 No longer sold, replaced by P/N 529 036 007.



529 035 504 Replacement Component  
**P/N 529 035 551** Recommended  
 HX & XP  
 To easily remove HX & XP suspension.



Shock filling valve  
**P/N 529 035 570** Recommended  
 T/A shocks

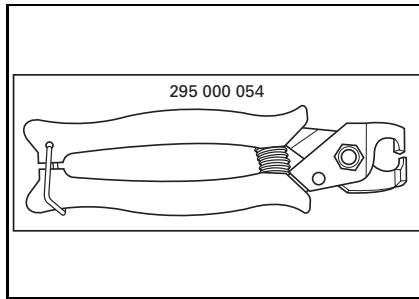


Spring Remover  
**P/N 529 036 007** Recommended  
 To remove coil spring from shock.

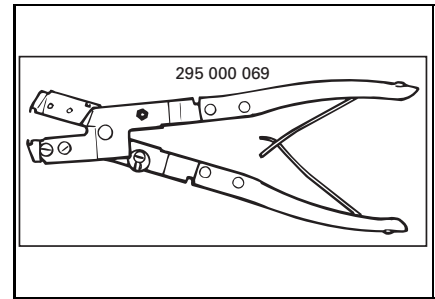
## Various



Valve Wrench  
**P/N 204 000 048** Recommended  
 For Explorer floater valves

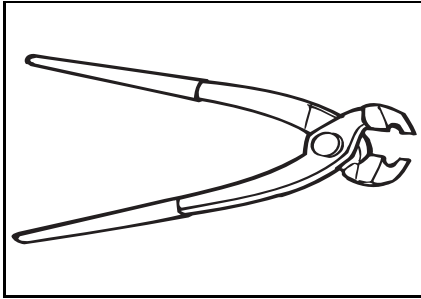


CAILLAU Pliers  
**P/N 295 000 054** **Mandatory**  
 All models



OETIKER Pliers  
**P/N 295 000 069** Recommended  
 All models

## Various

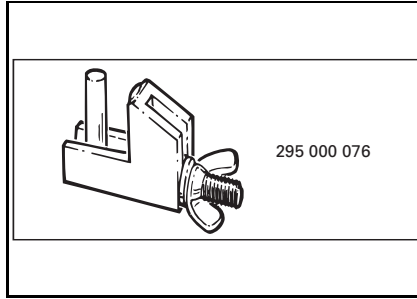


OETIKER Pliers

P/N 295 000 070

Recommended

All models

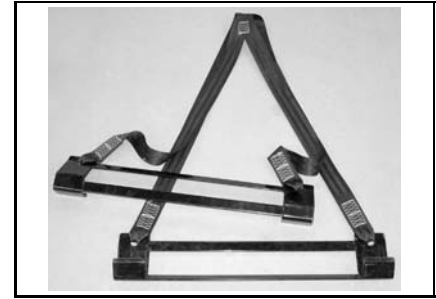


Hose Pincher

P/N 295 000 076

Recommended

All models

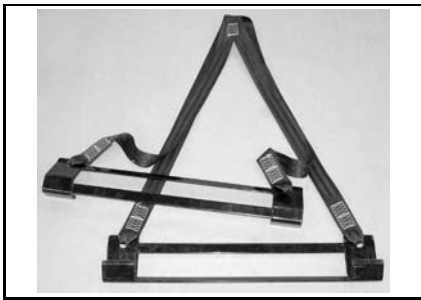


LIFT KIT

P/N 295 100 204

Recommended

LRV DI

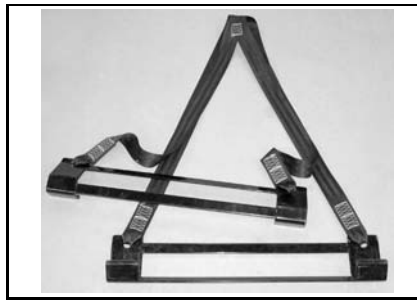


LIFT KIT

P/N 295 100 205

Recommended

4-TEC

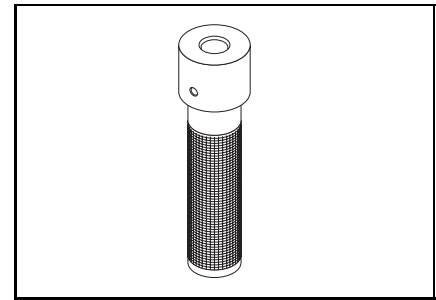


LIFT KIT

P/N 295 100 206

Recommended

All 2-stroke models, except LRV



Pusher Handle

P/N 420 877 650

Recommended

All

To be used with many pushers.

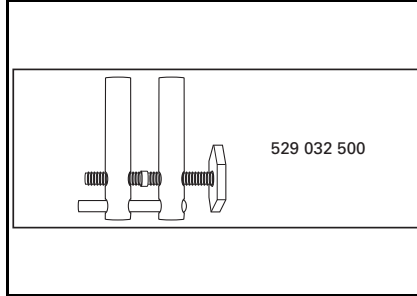


Supertitanium Drill Bit 3/16"

P/N 529 031 800

Recommended

To drill/remove many kinds of rivet.

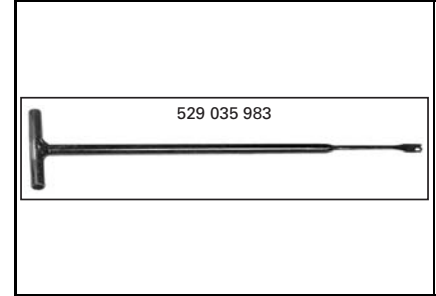


Hose pincher (large)

P/N 529 032 500

Recommended

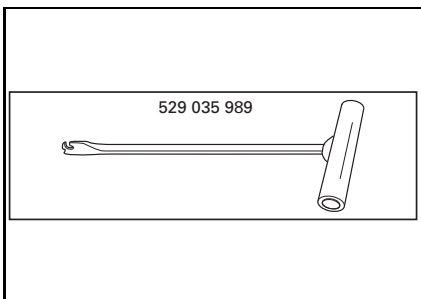
All models



Spring Removal Tool

P/N 529 035 983

**Mandatory**



Spring removal tool (small)

P/N 529 035 989

**Mandatory**

# Index

## Tool Part Numbers ... Page

These tools are mandatory

204000048 ..... 18	420876557 ..... 4	529035570 ..... 18	529035908 ..... 12
278001052 ..... 11	420876569 ..... 4	<b>529035590 ..... 6</b>	529035909 ..... 13
278001978 ..... 11	420876605 ..... 4	<b>529035591 ..... 14</b>	<b>529035938 ..... 8</b>
290877032 ..... 2	420876609 ..... 4	529035604 ..... 11	529035940 ..... 8
290877665 ..... 2	420876904 ..... 4	<b>529035607 ..... 6</b>	529035943 ..... 13
<b>295000001 ..... 15</b>	420876965 ..... 4	<b>529035609 ..... 15</b>	<b>529035946 ..... 8</b>
<b>295000002 ..... 15</b>	420876979 ..... 4	<b>529035652 ..... 9</b>	<b>529035947 ..... 8</b>
<b>295000054 ..... 18</b>	<b>420877414 ..... 4</b>	529035661 ..... 7	<b>529035948 ..... 8</b>
295000069 ..... 18	420877635 ..... 4	529035679 ..... 11	<b>529035950 ..... 8</b>
295000070 ..... 19	420877650 ..... 19	529035681 ..... 12	<b>529035955 ..... 16</b>
295000076 ..... 19	420877740 ..... 4	529035685 ..... 12	<b>529035956 ..... 16</b>
<b>295000082 ..... 15</b>	420940755 ..... 4	529035687 ..... 7	529035981 ..... 13
295000086 ..... 2	<b>420976235 ..... 4</b>	529035697 ..... 12	<b>529035983 ..... 19</b>
295000101 ..... 2	420977475 ..... 5	529035703 ..... 12	<b>529035985 ..... 16</b>
<b>295000107 ..... 15</b>	420977480 ..... 5	<b>529035708 ..... 7</b>	<b>529035986 ..... 16</b>
295000114 ..... 2	420977490 ..... 5	<b>529035709 ..... 14</b>	<b>529035987 ..... 16</b>
<b>295000125 ..... 2</b>	484300139 ..... 11	<b>529035710 ..... 14</b>	<b>529035989 ..... 19</b>
295000130 ..... 2	503190102 ..... 17	<b>529035711 ..... 14</b>	529035991 ..... 10
295000131 ..... 11	529012200 ..... 17	<b>529035712 ..... 14</b>	529035993 ..... 13
295000133 ..... 15	529014500 ..... 11	<b>529035713 ..... 7</b>	529036004 ..... 8
295000135 ..... 2	529021400 ..... 10	<b>529035714 ..... 14</b>	529036007 ..... 18
295000136 ..... 11	529021800 ..... 5	<b>529035715 ..... 7</b>	529036016 ..... 13
<b>295000141 ..... 2</b>	529031800 ..... 19	<b>529035716 ..... 7</b>	<b>529036017 ..... 13</b>
295000143 ..... 2	529031900 ..... 11	<b>529035719 ..... 7</b>	<b>529036018 ..... 13</b>
<b>295000144 ..... 15</b>	529032500 ..... 19	529035724 ..... 7	<b>529036019 ..... 13</b>
295000145 ..... 17	529032900 ..... 17	529035725 ..... 7	529036023 ..... 14
<b>295000156 ..... 2</b>	529034600 ..... 11	529035730 ..... 12	<b>529036025 ..... 8</b>
295000157 ..... 15	529034800 ..... 5	<b>529035765 ..... 7</b>	529036026 ..... 17
295000163 ..... 11	529034900 ..... 5	529035774 ..... 12	<b>529036027 ..... 9</b>
295100204 ..... 19	529035000 ..... 5	529035807 ..... 12	529036037 ..... 14
295100205 ..... 19	<b>529035503 ..... 5</b>	<b>529035818 ..... 15</b>	529036038 ..... 9
295100206 ..... 19	529035504 ..... 18	<b>529035819 ..... 16</b>	529036057 ..... 9
295500068 ..... 10	<b>529035505 ..... 5</b>	<b>529035820 ..... 16</b>	Snap-on RC 980 ..... 9
295500258 ..... 10	<b>529035506 ..... 15</b>	<b>529035821 ..... 7</b>	Snap-on TA362 ..... 9
<b>295500352 ..... 2</b>	<b>529035507 ..... 15</b>	<b>529035822 ..... 7</b>	Snap-on YA 8230 ..... 9
295500473 ..... 10	<b>529035508 ..... 15</b>	<b>529035823 ..... 10</b>	
<b>295500780 ..... 3</b>	529035513 ..... 5	529035830 ..... 8	
414104700 ..... 3	<b>529035533 ..... 5</b>	<b>529035839 ..... 8</b>	
420276025 ..... 3	529035541 ..... 5	<b>529035840 ..... 17</b>	
<b>420277010 ..... 11</b>	<b>529035542 ..... 6</b>	<b>529035841 ..... 16</b>	
<b>420277905 ..... 10</b>	<b>529035543 ..... 6</b>	<b>529035842 ..... 16</b>	
420840681 ..... 3	<b>529035547 ..... 6</b>	<b>529035843 ..... 16</b>	
420841201 ..... 3	529035549 ..... 6	<b>529035846 ..... 8</b>	
420841591 ..... 3	529035551 ..... 18	529035868 ..... 12	
420847220 ..... 3	529035559 ..... 6	<b>529035871 ..... 16</b>	
420876330 ..... 3	529035561 ..... 6	529035878 ..... 12	
420876488 ..... 3	529035562 ..... 6	529035880 ..... 8	
420876501 ..... 3	529035563 ..... 6	<b>529035892 ..... 16</b>	
420876502 ..... 3	529035567 ..... 6	<b>529035904 ..... 12</b>	
420876552 ..... 3	529035569 ..... 6	529035906 ..... 12	