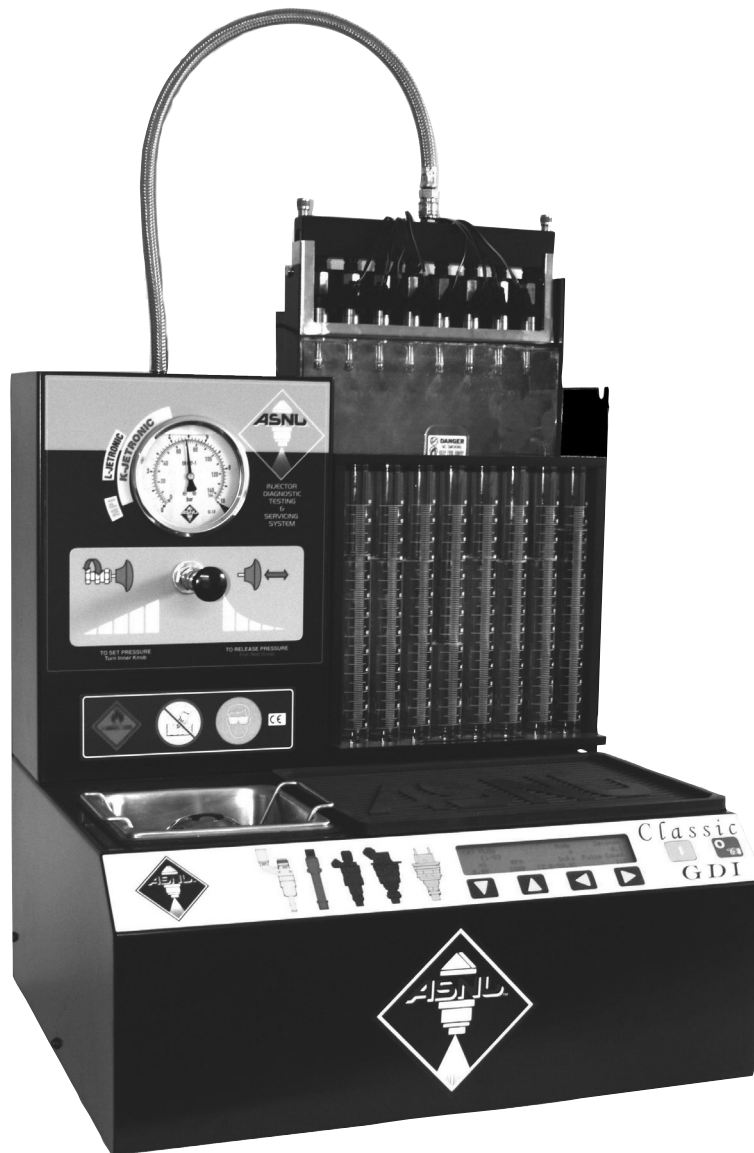




PARTS & ACCESSORIES CATALOGUE 2023 V5



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www.asnu.com/downloads

ASNU Corporation Europe Ltd
Tel: +44 (0) 208 420 4494
E-mail: orders@asnu.com Web: www.asnu.com

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FUEL INJECTOR INDEX

ADAPTERS & COMPONENTS

IMPORTANT

MANY INJECTORS LOOK ALIKE. THE ILLUSTRATIONS SHOWN IN THIS CATALOG ARE THE BEST POSSIBLE REPRESENTATIONS & SHOULD BE USED ONLY AS A GUIDE.

PRIOR TO SELECTING INJECTOR COMPONENTS, & BEFORE DISASSEMBLING, ALWAYS INSPECT THE INJECTOR TO BE SERVICED, THEN CAREFULLY MATCH & SELECT THE COMPONENTS WITH THE ILLUSTRATIONS.

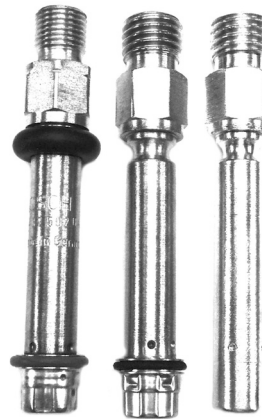
FOR TECHNICAL ASSISTANCE PLEASE EMAIL: enquiries@asnuc.com OR CALL +44 (0) 2084204494



BOSCH TYPE
EV1.3 BODY
PAGE 12



GM MULTI-PORT
MULTEC
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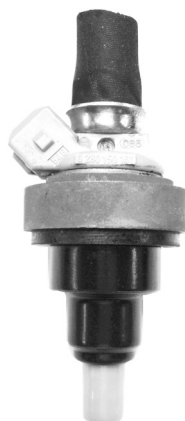
BOSCH K-JET
MECHANICAL
PAGE 14



HONDA
KEIHIN STYLE
PAGE 15



BOSCH D-JET
EV1.0 BODY
PAGE 16



BOSCH D-JET
EV1.0 BODY
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BOSCH CHIMNEY
STYLE PINTLE CAP
PAGE 18



BOSCH EV1.0
FORD/MAZDA
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ADAPTERS & COMPONENTS



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TOYOTA/MAZDA
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BOSCH EV1.0
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DENSO FORD /
MAZDA / KIA
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LUCAS
PAGE 24



SAGEM
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SIEMENS
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SIEMENS
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SIEMENS
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WEBER MPI
PAGE 29



DELPHI MPI
PAGE 30



DELPHI MPI
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ADAPTERS & COMPONENTS



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BOSCH EV6
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BOSCH EV6
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BOSCH EV14
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HONDA KEIHIN
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HONDA KEIHIN
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ADAPTERS & COMPONENTS



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SUZUKI MULTIPORT
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MITSUBISHI
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TOYOTA MULTIPORT
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HONDA KEIHIN
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VW MARELLI
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JECS TYPE TOYOTA
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JECS TYPE NISSAN
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NISSAN SUBARU SPI
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GM TBI MAXI
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FUEL INJECTOR INDEX

ADAPTERS & COMPONENTS



GMI TBI 700 MULTEC
DELPHI/ROCHESTER
DAEWOO - PAGE 56



MAGNETTI MARELLI
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NISSAN NAVARRA /
PATHFINDER
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MAZDA/FORD/DENSO
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MAZDA/FORD/DENSO
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EV8 BOSCH
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GM TBI 700 MULTEC
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MAZDA FORD
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MITSUBISHI HITACHI
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FUEL INJECTOR INDEX

ADAPTERS & COMPONENTS



CITROEN/PEUGEOT
GDI SIEMENS
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VAUXHALL/GM
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FORD GDI
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VW GDI
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GDI BOSCH
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GDI
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SUBARU
GDI
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VW - GDI BOSCH
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BMW GDI BOSCH
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PORSCHE GDI
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FUEL INJECTOR INDEX

ADAPTERS & COMPONENTS



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DENSO GDI
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MARELLI GDI
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DENSO GDI
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DELPHI GDI FOR
GM/HYUNDAI/KIA
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BOSCH HDEV6
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FUEL INJECTOR INDEX

ADAPTERS & COMPONENTS



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HONDA KEIHIN
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SIEMENS
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OPTIMAX - MERCURY
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E-TEC & FICHT
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FUEL INJECTOR INDEX

ADAPTERS & COMPONENTS



SIEMENS PIEZO
INJECTOR
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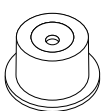
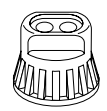
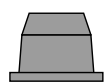
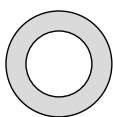
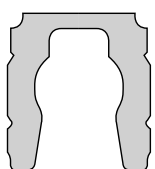
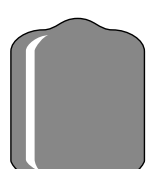
BOSCH PIEZO
GDI
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ADAPTERS & COMPONENTS

IMPORTANT - INJECTOR SERVICE INFORMATION

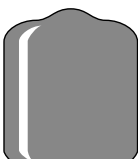
- QUALIFY THE INJECTORS TO BE SERVICED.
- CORROSION & RUST IN INJECTOR INLET CANNOT BE PROPERLY CLEANED.
- INJECTORS WITH BROKEN OR DAMAGED PINTLES CANNOT BE REPAIRED.
- BEFORE DISASSEMBLING THE INJECTOR, MAKE SURE YOU HAVE THE NECESSARY REPAIR COMPONENTS. SOME INJECTOR COMPONENTS CANNOT BE REPLACED OR NOT AVAILABLE FROM ASNU. REFER TO THE INJECTOR INDEX.
- ADAPTER APPLICATIONS: REFER TO PAGES IN THE INJECTOR INDEX.
- ACCESSORY INFORMATION: REFER TO PAGES 111 ONWARDS.
- FOR BEST PERFORMANCE, CLEANED INJECTORS SHOULD BE INSTALLED IN VEHICLE IMMEDIATELY AFTER SERVICING WITH ASNU.
- SHELF LIFE: SERVICED INJECTORS THAT WILL NOT BE RE-INSTALLED TO A VEHICLE ENGINE MUST BE TREATED WITH LIQUID PARRAFIN OR LIGHT OIL TO PREVENT SEIZING OF INTERNAL COMPONENTS. REFER TO ASNU OPERATION MANUAL FOR CORRECT PROCEDURE.
- PROTECTIVE CAPS MUST BE INSTALLED TO PREVENT CONTAMINATION & PRESERVE INJECTOR SHELF LIFE.
- TECHNICAL ASSISTANCE: enquiries@asnu.com
- ORDERS: orders@asnu.com

TOP FEED INJECTORS

 Use Test Adapter ASNU57 with filter in Connect Injectors with ASNU70 Harness BOSCH TYPE EV1.3 Body	 ASNU03 FILTER			 ASNU08 O-RING			 ASNU27 PINTLE CAP (BMW) YELLOW					
	 ASNU36 BMW CAP (3MM HOLE) YELLOW			 ASNU26 PINTLE CAP YELLOW			 ASNU35 TWIN HOLE PINTLE CAP YELLOW			 ASNU37 PINTLE CAP YELLOW		
	 ASNU13 BOSCH VW 3MM HOLE GREEN			 ASNU09 YELLOW WASHER			 ASNU33 CLIP			 ASNU25 CAP (2 REQ)		
	 ASNU23 O-RING (LOWER) FOR RENAULT CLIO						 ASNU70 UNIVERSAL HARNESS					
	 Adapter ASNU57 tests injectors with filter installed											

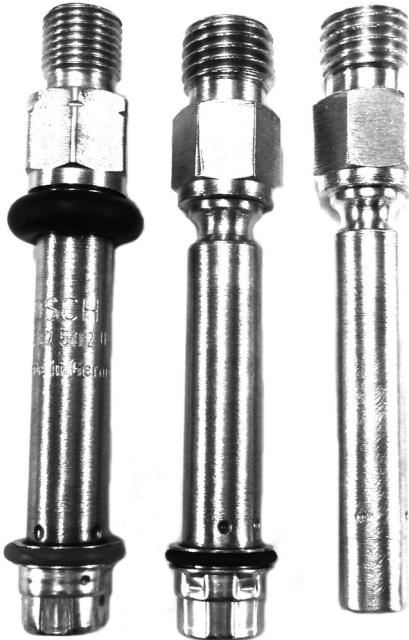
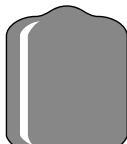
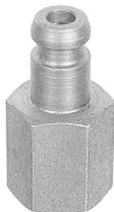
NOTES:

TOP FEED INJECTORS

 Use Test Adapter ASNU57 with filter in Connect Injectors with ASNU70 Harness GM MULTI-PORT MULTITEC INJECTOR	 ASNU03 FILTER	 ASNU14 O-RING (2 REQ)
	 ASNU25 CAP (2 REQ)	
	 Adapter ASNU57 tests injectors with filter installed	 ASNU70 UNIVERSAL HARNESS

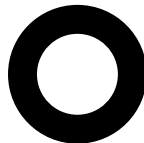
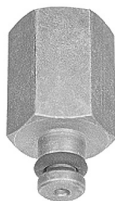
NOTES:

TOP FEED INJECTORS

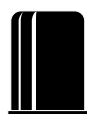
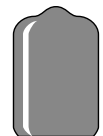
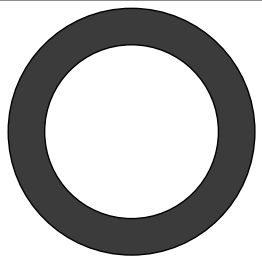
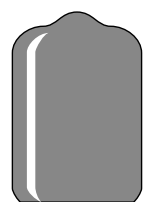
 Use Adapter ASNU50 or ASNU54 or ASNU55 BOSCH MECHANICAL FUEL INJECTOR K-JETRONIC & COLD START VALVES	 ASNU12 O-RING		 ASNU12B O-RING	
	 ASNU25 CAP		 ASNU24 CAP	
			 ASNU95 K-JETRONIC CLEANING TRAY	
	 Adapter ASNU50 10MM Female Coupling For Male K-Jet & Cold Start		 Adapter ASNU54 8MM Male Coupling for Female K-Jet & Cold Start	
			 Adapter ASNU55 12MM Female Coupling for Male K-Jet	

NOTES:

TOP FEED INJECTORS

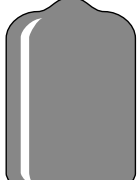
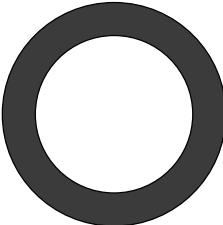
			
	ASNU30 TOP O-RING	ASNU30B LOWER SEAL	ASNU30H LOWER SEAL
			
	ASNU03 FILTER	ASNU30F FILTER	ASNU30A GROMMET
Use Test Adapter ASNU59 with filter in Connect Injectors with ASNU70 Harness HONDA MULTI-PORT KEIHIN STYLE			
	ASNU15 GROMMET	ASNU220 PINTLE CAP	ASNU196 PINTLE CAP (lower o-ring ASNU 196A)
			
	Adapter ASNU59 tests injectors with filter installed	ASNU70 UNIVERSAL HARNESS	

TOP FEED INJECTORS

 Use Adapter ASNU58 with hose installed Connect Injectors with ASNU70 Harness MERCEDES / JAGUAR / VOLVO WITH BOSCH D-JETRONIC EV1.0 BODY	 ASNU07 PINTLE CAP		 ASNU03 FILTER
	 ASNU16 O-RING		 ASNU24 CAP
	 ASNU11 SEAL	 ASNU25 CAP	 ASNU34 FERRULE
	 Adapter ASNU58 tests injectors w/hose & filter installed		 ASNU70 UNIVERSAL HARNESS

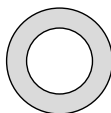
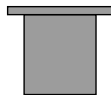
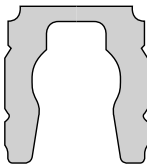
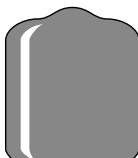
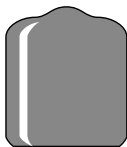
NOTES:

TOP FEED INJECTORS

 Use Adapter ASNU58 with hose installed Connect Injectors with ASNU70 Harness GM / JAGUAR / FIAT / ALFA WITH BOSCH D-JETRONIC European Applications	 ASNU07 PINTLE CAP		 ASNU16 O-RING
	 ASNU03 FILTER	 ASNU24 CAP	 ASNU25 CAP
	 ASNU11 SEAL		 ASNU34 FERRULE
	 Adapter ASNU58 tests injectors w/hose & filter installed		 ASNU70 UNIVERSAL HARNESS

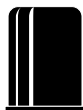
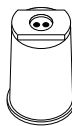
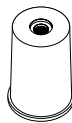
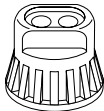
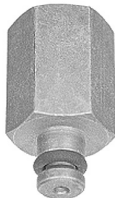
NOTES:

TOP FEED INJECTORS

 BOSCH CHIMNEY STYLE PINTLE CAP	 ASNU09 WASHER	 ASNU08 O-RING	 ASNU28 PLASTIC PINTLE CAP
	 ASNU03 FILTER	 ASNU33 CLIP	
	 ASNU25 CAP	 ASNU24 CAP	
	 Adapter ASNU57 tests injectors with filter installed	 ASNU70 UNIVERSAL HARNESS	

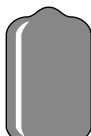
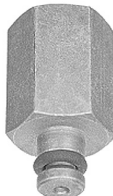
NOTES:

TOP FEED INJECTORS

	 ASNU07 PINTLE CAP	 ASNU275 PINTLE CAP	 ASNU278 PINTLE CAP	 ASNU279 PINTLE CAP	 ASNU38 PINTLE CAP	
	 ASNU280 PINTLE CAP	 ASNU03 FILTER	 ASNU24 CAP	 ASNU25 CAP	 ASNU15 BUSHING	
	 ASNU17 O-RING			 ASNU224 O-RING		
	 Adapter ASNU59 tests injectors with filter installed			 ASNU70 UNIVERSAL HARNESS		
Use Test Adapter ASNU59 with filter in Connect Injectors with ASNU70 Harness BOSCH EV1.0 BODY Ford / Mazda Applications						

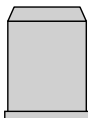
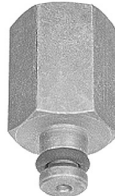
NOTES:

TOP FEED INJECTORS

 Use Test Adapter ASNU59 with filter in Connect Injectors with ASNU70 Harness BOSCH EV1.0 BODY Mazda Applications	 ASNU17 O-RING	 ASNU15 UPPER BUSHING	
	 ASNU07 PINTLE CAP	 ASNU03 FILTER	
	 ASNU24 CAP	 ASNU25 CAP	
	 Adapter ASNU59 tests injectors with filter installed	 ASNU70 UNIVERSAL HARNESS	

NOTES:

TOP FEED INJECTORS

 Use Test Adapter ASNU59 with filter in Connect Injectors with ASNU70 Harness BOSCH EV1.0 BODY Toyota/Mazda Applications	 ASNU17 O-RING	 ASNU18 SEAL	 ASNU15 BUSHING
	 ASNU03 FILTER	 ASNU38B PINTLE CAP	 ASNU07 PINTLE CAP
	 ASNU24 CAP		 ASNU25 CAP
	 Adapter ASNU59 tests injectors with filter installed	 ASNU70 UNIVERSAL HARNESS	

NOTES:

TOP FEED INJECTORS



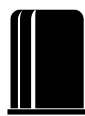
Use Test Adapter
ASNU59 with filter in

Connect Injectors with
ASNU70 Harness

BOSCH EV1.0 BODY
Chrysler Mitsubishi
Mazda Toyota



ASNU03
FILTER



ASNU07
PINTLE CAP



ASNU274
PINTLE CAP



ASNU38B
PINTLE CAP



ASNU17
O-RING



ASNU15
BUSHING



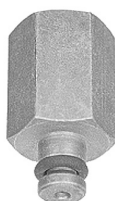
ASNU18
SEAL



ASNU25
CAP



ASNU24
CAP



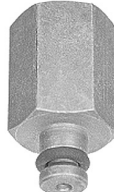
Adapter ASNU59
tests injectors with
filter installed



ASNU70
UNIVERSAL
HARNESS

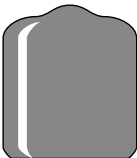
NOTES:

TOP FEED INJECTORS

	 ASNU03 FILTER		 ASNU07 PINTLE CAP	
	 ASNU17 O-RING	 ASNU15 BUSHING		 ASNU18 SEAL
	 ASNU25 CAP		 ASNU24 CAP	
	 Adapter ASNU59 tests injectors with filter installed		 ASNU70 UNIVERSAL HARNESS	
	Use Test Adapter ASNU59 with filter in Connect Injectors with ASNU70 Harness DENSO Ford / Mazda / Kia			

NOTES:

TOP FEED INJECTORS

 Use only ASNU02 Filter ↓ Use Test Adapter ASNU57 with filter in Connect Injectors with ASNU70 Harness LUCAS DISC INJECTOR	 ASNU08 O-RING (Upper & Lower)	
	 ASNU02 FILTER	 ASNU25 CAP
	 Adapter ASNU57 tests injectors with filter installed	 ASNU70 UNIVERSAL HARNESS

NOTES:

TOP FEED INJECTORS

 LUCAS BMW AIR ASSISTED	 ASNU14 TOP O-RING Retainer should not be removed	 ASNU21 BOTTOM O-RING	 ASNU03 FILTER
	 ASNU89 ADAPTER PLATE (USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)		
	 Adapter ASNU57 tests injectors with filter installed	 ASNU70 UNIVERSAL HARNESS	

NOTES:

TOP FEED INJECTORS



SIEMENS DEKA



ASNU14
TOP O-RING



ASNU03
FILTER



ASNU194
O-RING RETAINING CLIP



ASNU89
ADAPTER PLATE
(USE TO HOLD BOTTOM OF
INJECTORS IN TEST RAIL)



Adapter ASNU57
tests injectors with
filter installed



ASNU70
UNIVERSAL
HARNESS

NOTES:

DO NOT PULSE THESE SIEMENS DEKA INJECTORS DURING CLEANING

TOP FEED INJECTORS



Use Test Adapter
ASNU57 with filter in

Connect injectors with
ASNU70 Harness

SIEMENS
VOLVO



ASNU14
TOP O-RING



ASNU239
LOWER O-RING



ASNU03
FILTER



ADAPTER ASNU57
Test injectors with
filter installed



ASNU70
UNIVERSAL
HARNESS

NOTES:

TOP FEED INJECTORS



Use Test Adapter
ASNU44

SIEMENS DEKA



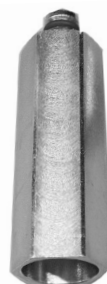
ASNU14
O-RING (2 Req.)



ASNU 02
FILTER



ASNU89
ADAPTER PLATE
(USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)



ADAPTER ASNU44
EXTRA LONG ADAPTER
14.5MM



ASNU70
UNIVERSAL HARNESS

NOTES:

TOP FEED INJECTORS



Use Test Adapter
ASNU57 with filter in

Connect Injectors with
ASNU70 Harness

WEBER MPI



ASNU04
FILTER
w/wider crush ring



ASNU05
PINTLE CAP



ASNU09
SPACER



ASNU08
O-RING



ASNU24
CAP



ASNU25
CAP



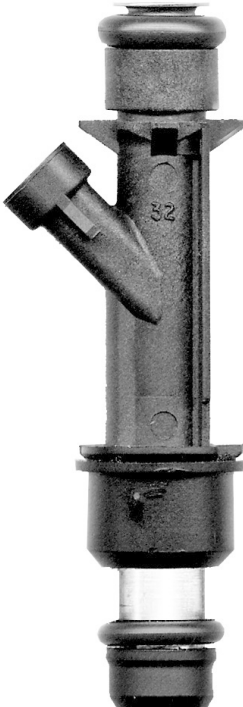
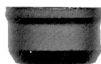
Adapter ASNU57
tests injectors with
filter installed



ASNU70
UNIVERSAL
HARNESS

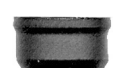
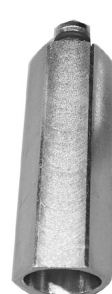
NOTES:

TOP FEED INJECTORS

 Use Test Adapter ASNU57 Use custom harness ASNU116 DELPHI MULTEC MULTIPORT	 ASNU239 O-RING (LOWER)	 ASNU14 O-RING (UPPER)	 ASNU03 FILTER
	 ASNU89 ADAPTER PLATE (USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)		
	 ASNU254 PINTLE CAP BLACK		
	 ADAPTER ASNU57 (Tests injectors with filter installed)	 CUSTOM HARNESS ASNU116 (Tests up to 8 injectors)	

NOTES:

TOP FEED INJECTORS

			
	ASNU239 O-RING (LOWER)	ASNU14 O-RING (UPPER)	ASNU03 FILTER
			
	ASNU89 ADAPTER PLATE (USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)		
			
	ASNU254 PINTLE CAP BLACK		
Use Test Adapter ASNU44 Use custom harness ASNU116 DELPHI MULTEC MULTIPOINT			
	Adapter ASNU44 Extra Long Adapter tests injectors with filter installed	CUSTOM HARNESS ASNU116 (Tests up to 8 injectors)	

NOTES:

TOP FEED INJECTORS

 Use Test Adapter ASNU57 with filter in BOSCH EV6 MULTIPOINT	 ASNU14 O-RING (2 Req.)	 ASNU03 FILTER	 ASNU192 PINTLE CAP
	 ASNU89 ADAPTER PLATE (USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)		
	 ADAPTER ASNU57 tests injectors with filter installed	 ASNU70 UNIVERSAL HARNESS	

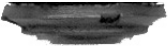
NOTES:

TOP FEED INJECTORS

 Use Test Adapter ASNU57 with filter in BOSCH EV6 MULTIPORT	 ASNU14 O-RING (2 Req.)	 ASNU191 PINTLE CAP Short Chimney Style (Orange)	 ASNU03 FILTER
	 ASNU89 ADAPTER PLATE (USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)		
	 ADAPTER ASNU57 tests injectors with filter installed	 ASNU70 UNIVERSAL HARNESS	

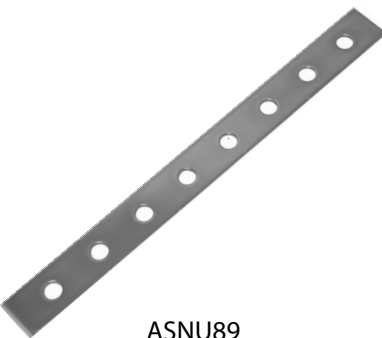
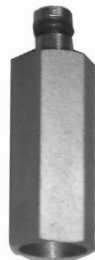
NOTES:

TOP FEED INJECTORS

 Use Test Adapter ASNU57 with filter in BOSCH EV6 MULTIPORT	 ASNU14 O-RING (2 Req.)	 ASNU190 PINTLE CAP Flat Washer Style (Orange)	 ASNU03 FILTER
	 ASNU89 ADAPTER PLATE (USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)		
	 ADAPTER ASNU57 Tests injectors with filter installed	 ASNU70 UNIVERSAL HARNESS	

NOTES:

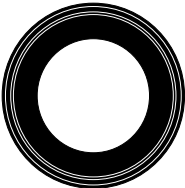
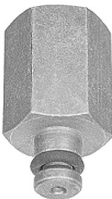
TOP FEED INJECTORS

 BOSCH EV14	 ASNU 14 TOP O-RING	INTERNAL FILTER NOT REPLACEABLE
	 ASNU89 ADAPTER PLATE (USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)	 ASNU247 LOWER O-RING
	 ASNU44 ADAPTER	 ASNU70 UNIVERSAL HARNESS

NOTES:

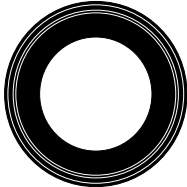
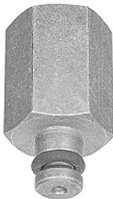
Retainer should not be removed (below the ASNU 247 O-Ring)

TOP FEED INJECTORS

 Use Test Adapter ASNU59 with filter in Connect Injectors with ASNU70 Harness ASRAM - TOYOTA - LEXUS PRADO / 4-RUNNER / GX LAND CRUISER (EUROPE)	 ASNU17 O-RING (2 REQ)	 ASNU03 FILTER
	 ASNU242 INSULATOR	 ASNU289B PINTLE CAP
	 ADAPTER ASNU59 Tests injectors with filter installed	 ASNU70 UNIVERSAL HARNESS

NOTES:

TOP FEED INJECTORS

 Use Test Adapter ASNU59 with filter in Connect Injectors with ASNU70 Harness DENSO - LEXUS ES / GS	 ASNU17 O-RING (2 REQ)	 ASNU03 FILTER
	 ASNU242 INSULATOR	 ASNU15 BUSHING
	 ASNU289 TWIN HOLE PINTLE CAP	
	 ADAPTER ASNU59 Tests injectors with filter installed	 ASNU70 UNIVERSAL HARNESS

NOTES:

TOP FEED INJECTORS



Use Test Adapter
ASNU45 with filter in

Connect injectors with
ASNU70 Harness

TOYOTA COROLLA / YARIS /
NEW SENSATION / CELICA /
TERIOS

TOYOTA MULTIPOINT



ASNU30G
TOP O-RING



ASNU08C
LOWER O-RING



ASNU02A
FILTER



ASNU89
ADAPTER PLATE
(USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)



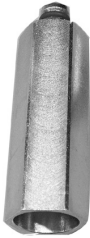
ADAPTER ASNU45
Tests injectors with
filter installed



ASNU 70P
INJECTOR HARNESS
Hirschmann Plug

NOTES:

TOP FEED INJECTORS

 Use Test Adapter ASNU44 HONDA KEIHIN MULTIPORT	 ASNU14 TOP O-RING	 ASNU198 FILTER
	 ASNU08 LOWER O-RING	 ASNU195 SPACER
	 ASNU183 PINTLE CAP	 ASNU70 UNIVERSAL HARNESS
	 ADAPTER ASNU44 Extra Long Adaptor tests injectors with filter installed	 ASNU70H Harness Adaptor (required with the ASNU70 for Suzuki motorbike injectors)

NOTES:

TOP FEED INJECTORS



Use Test Adapter
ASNU57 with filter in

HONDA KEIHIN
CIVIC SI
CRV



ASNU14
O-RING (Qty 2)



ASNU30M
PINTLE CAP



ASNU102B
LOWER O-RING



ASNU198
FILTER



ASNU89
ADAPTER PLATE
(USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)



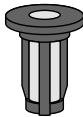
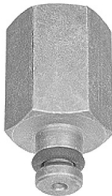
ADAPTER ASNU57
Tests injectors with
filter installed



ASNU70
UNIVERSAL
HARNESS

NOTES:

TOP FEED INJECTORS

 Use Test Adapter ASNU59 with filter in Connect Injectors with ASNU70 Harness HONDA MOTORBIKE / MARINE	 ASNU30 O-RING (UPPER)	 ASNU30H O-RING (LOWER)
	 ASNU30F FILTER	 ASNU15 SPACER
	 ADAPTER ASNU59 Tests injectors with filter installed	 ASNU70 UNIVERSAL HARNESS

NOTES:

TOP FEED INJECTORS

 Use Test Adapter ASNU59 with filter in Connect injectors with ASNU70 Harness TOYOTA COROLLA / YARIS / NEW SENSATION / CELICA / TERIOS TOYOTA MULTIPOINT	 ASNU17 O-RING	 ASNU03 FILTER	 ASNU18 SEAL
	 ASNU 290 DENSO INJECTOR BLACK PINTLE CAP - 5mm LONG SMALL HOLE	 ASNU 291 DENSO INJECTOR BLACK PINTLE CAP - 7mm LONG MEDIUM HOLE	 ASNU 292 DENSO INJECTOR BLACK PINTLE CAP - 5mm LONG LARGE HOLE
	 ASNU 194 O-RING RETAINING CLIP	 ASNU 293 PINTLE CAP 3mm LONG 4.8mm HOLE	 ASNU 294 PINTLE PROTECTION CAP
	 ADAPTER ASNU59 Tests injectors with filter installed	 ASNU70 UNIVERSAL HARNESS	 ASNU70P INJECTOR HARNESS HIRSCHMANN PLUG

NOTES:

TOP FEED INJECTORS



Use Test Adapter
ASNU44 with filter in

Connect Injectors with
ASNU70 Harness

FIAT / PALIO / SIENNA / UNO
RENAULT MEGANE
SEAT CORDOVA - VW GOLF

WEBER MULTIPOINT



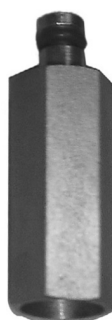
ASNU14
O-RING (2 Req.)



ASNU04
FILTER
w/wider crush ring



ASNU89
ADAPTER PLATE
(USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)



ADAPTER ASNU44
Tests injectors with
filter installed



ASNU70
UNIVERSAL
HARNESS

NOTES:

TOP FEED INJECTORS

NOT SERVICEABLE

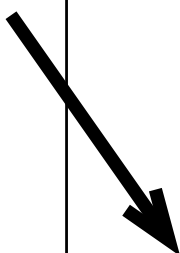
SAGEM MINI
CITROEN / PEUGEOT / RENAULT



ASNU39
LOWER O-RING



REPLACE WITH ONE OF THE INJECTORS LISTED IN
THE NOTES BELOW (SHOWN BELOW)



NOTES:

01F003A	VAL 348004	→	BOSCH 0280156328
01F005A	VAL 348006	→	BOSCH 0280156329
01F002A	VAL 348001	→	BOSCH 0280156357

TOP FEED INJECTORS



Use Test Adapter
ASNU59 with filter in

Connect Injectors with
ASNU70 Harness

TOYOTA AUTANA / COROLLA /
CAMRY / CELICA
MITSUBISHI MONTERO
SUZUKI GRAN VITARA V6

TOYOTA SUZUKI MULTIPOINT



ASNU17
O-RING (2 REQ)



ASNU03
FILTER



ASNU18
GROMMET



ASNU15
BUSHING



ADAPTER ASNU59
Tests injectors with
filter installed



ASNU70
UNIVERSAL
HARNESS

NOTES:

TOP FEED INJECTORS



Use Test Adapter
ASNU59 with filter in

Connect Injectors with
ASNU70 Harness

SUZUKI GRAND VITARA

SUZUKI MULTIPOINT



ASNU17
O-RING



ASNU03
FILTER



ASNU18
LOWER SEAL



ASNU 659
UPPER SEAL



ADAPTER ASNU59
Tests injectors with
filter installed



ASNU70
UNIVERSAL
HARNESS

NOTES:

TOP FEED INJECTORS

 Use Test Adapter ASNU59 with filter in Connect Injectors with ASNU70 Harness MITSUBISHI LANSER / SPACE / WAGON / MX / MF / GALANT MITSUBISHI MULTIPORT	 ASNU245		 ASNU03 FILTER	
	 ASNU18 SEAL	 ASNU16 SEAL (either is required for various applications)		 ASNU15 BUSHING
	 ADAPTER ASNU59 Tests injectors with filter installed		 ASNU70 UNIVERSAL HARNESS	

NOTES:

TOP FEED INJECTORS



Use Test Adapter
ASNU59 with filter in

Connect injectors with
ASNU70 Harness

TOYOTA COROLLA / YARIS /
NEW SENSATION / CELICA /
TERIOS

TOYOTA MULTIPOINT



ASNU17
O-RING



ASNU18
SEAL



ASNU03
FILTER



ADAPTER ASNU59
Tests injectors with
filter installed



ASNU70
UNIVERSAL
HARNESS

NOTES:

TOP FEED INJECTORS



ASNU276
TOP O-RING



ASNU247
LOWER O-RING



ASNU03
FILTER

Use Test Adapter
ASNU59 with filter in

Connect injectors with
ASNU70 Harness

GM



ASNU70
UNIVERSAL
HARNESS

NOTES:

Tip for testing - Fit ASNU 14 on the top of the injector and test using ASNU 57 coupling

TOP FEED INJECTORS



ASNU30
TOP O-RING



ASNU10Y
LOWER O-RING



ASNU 03
FILTER



ASNU70
UNIVERSAL
HARNESS

Connect injectors with
ASNU70 Harness &
ASNU70H Harness Adapters

HONDA KEIHIN



ASNU45
ADAPTERCOUPLING
EXTRA LONG
FOR 11MM O-RING



ASNU70H
HARNESS ADAPTER
(REQUIRED WITH ASNU70
FOR SOME APPLICATIONS)

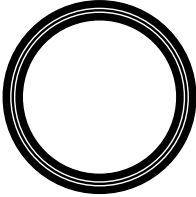
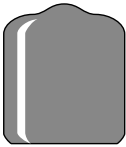
NOTES:

TOP FEED INJECTORS

 Use Test Adapter ASNU57 with filter in Connect injectors with ASNU70 Harness VW Marelli	 ASNU14 TOP O-RING	 ASNU247 LOWER O-RING
	 ASNU03 FILTER	
	 ADAPTER ASNU57 Test injectors with filter installed	 ASNU70 UNIVERSAL HARNESS

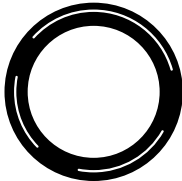
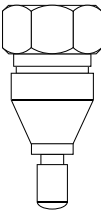
NOTES:

SIDE FEED INJECTORS

 Re-use old filter Use Test Adapter ASNU104 (block holds 6 injectors) Connect Injectors with ASNU70 Harness JECS TYPE TOYOTA	 ASNU104C O-RING	 ASNU104B O-RING	 ASNU104A O-RING
	REPLACEMENT FILTER CURRENTLY NOT AVAILABLE REUSE OLD FILTER.		 ASNU24 CAP
	 ASNU104 ADAPTER BLOCK		 ASNU70 UNIVERSAL HARNESS

NOTES:

SIDE FEED INJECTORS

 Use Test Adapter ASNU103 (block holds 6 injectors, blanking off plugs available for 4 cylinder models) JECS TYPE NISSAN	 ASNU103B LOWER O-RING	 ASNU103A UPPER O-RING
	 ASNU103C FILTER	 ASNU103K ALTERNATIVE FILTER
	 ASNU103E PINTLE CAP	 ASNU 97 CLEANING TRAY
	 ASNU103 ADAPTER BLOCK	 ASNU103X BLANKING OFF PLUG
		 ASNU70 UNIVERSAL HARNESS

NOTES:

SIDE FEED INJECTORS

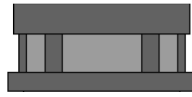


Use Test Adapter ASNU79
(single block)

Use Adapter ASNU106
(6 inj. block)

Connect injectors with
ASNU70 Harness

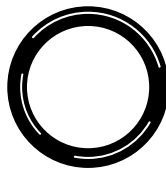
Nissan / Subaru SPI



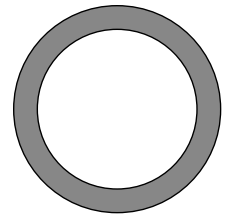
ASNU106C
Filter



ASNU07
Pintle Cap



ASNU106B
LOWER O-RING



ASNU61A
UPPER O-RING



ASNU97
CLEANING TRAY



ASNU106
6 INJ. BLOCK

NOTES:

SIDE FEED INJECTORS

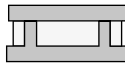


Use Test Adapter ASNU71
(single injector block includes
custom harness ASNU71H) or

GM TBI MAXI



ASNU24
CAP



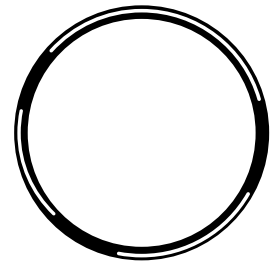
ASNU60H
ROCHESTER
FILTER



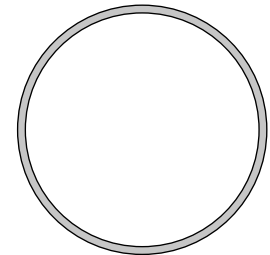
ASNU60J
DUST SEAL



ASNU60G
ROCHESTER
BOTTOM
O-RING



ASNU60E
O-RING



ASNU60F
WASHER



ASNU71
SINGLE INJ. ADAPTER BLOCK

NOTES:

Tip for testing - set machine to 'Sequential' mode and set for 4 injectors

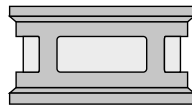
SIDE FEED INJECTORS



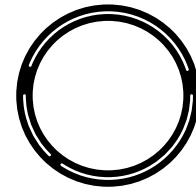
Use Test Adapter ASNU72
(single injector block w/harness)

Use Test Adapter ASNU115
(4 injector block w/harness)

GM TBI 700 MULTEC
DELPHI / ROCHESTER
DAEWOO



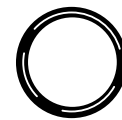
ASNU64E
FILTER (UPPER)



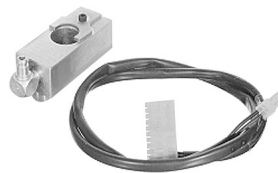
ASNU64A
O-RING UPPER
ROCHESTER



ASNU64F
FILTER (LOWER)



ASNU64H
O-RING



ASNU72
ADAPTER BLOCK



ASNU115
4INJ. ADAPTER BLOCK WITH
CUSTOM HARNESS ASNU115H

NOTES:

Tip for testing - set machine to 'Sequential' mode and set for 8 injectors

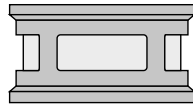
SIDE FEED INJECTORS



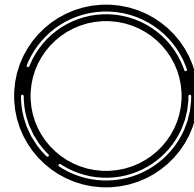
Use Test Adapter ASNU72
(single injector block w/harness)

Use Test Adapter ASNU115
(4 injector block w/harness)

MAGNETI MARELLI
WEBER



ASNU64C
FILTER (UPPER) - WEBER



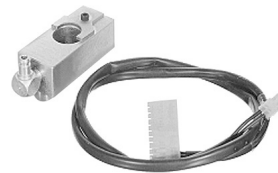
ASNU64A
O-RING UPPER



ASNU64D
FILTER (LOWER) - WEBER



ASNU64B
O-RING



ASNU72
ADAPTER BLOCK

NOTES:

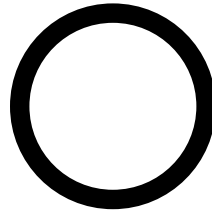
SIDE FEED INJECTORS



Use Test Adapter ASNU105
(block holds 4 injectors)

Connect injectors with
ASNU70 universal harness

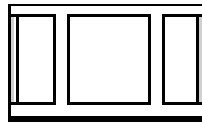
NISSAN NAVARA /
PATHFINDER



ASNU105A
O-RING
(UPPER)



ASNU105B
O-RING
(LOWER)



ASNU105C
FILTER



ASNU25
CAP



ASNU105
ADAPTER BLOCK



ASNU70
UNIVERSAL HARNESS

NOTES:

SIDE FEED INJECTORS



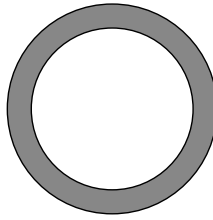
Use Test Adapter ASNU78
(block holds 4 injectors
Ford Zetec)

or

Test Adapter ASNU110
(block holds 6 injectors for
Chrysler 3.5L)

Connect injectors with
ASNU70 universal harness

MAZDA / FORD / DENSO



ASNU62A
O-RING
(UPPER)



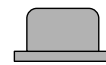
ASNU14
O-RING
(LOWER)



ASNU78D
FILTER
DENSO



ASNU70
UNIVERSAL HARNESS



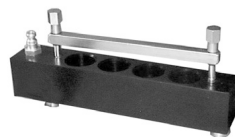
ASNU26
PINTLE CAP



ASNU35
PINTLE CAP TWIN HOLE



ASNU97
CLEANING TRAY



ASNU78
ADAPTER BLOCK
(Holds 4 Injectors -
Ford Zeta)



ASNU110
ADAPTER BLOCK
(Holds 6 Injectors -
Chrysler 3.5L)

NOTES:

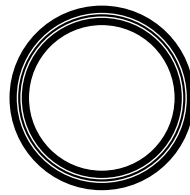
SIDE FEED INJECTORS



Use Test Adapter ASNU 107
(block holds 6 injectors)

Connect injectors with
ASNU70 universal harness

MAZDA/ DENSO



ASNU107A
O-RING
(UPPER)



ASNU14
O-RING
(LOWER)



ASNU78D
FILTER



ASNU70
UNIVERSAL HARNESS



ASNU35
PINTLE CAP TWIN HOLE



ASNU97
CLEANING TRAY



ASNU107
ADAPTER BLOCK
(Tests 6 injectors)



ASNU107X
BLANKING OFF PLUG
2 PLUGS REQUIRED
FOR 4 CYLINDER APPLICATIONS

NOTES:

SIDE FEED INJECTORS



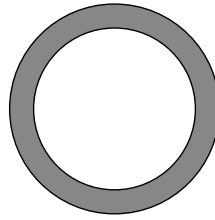
Use Test Adapter ASNU78
(block holds 4 injectors
Ford & VW)

or

Test Adapter ASNU110
(block holds 6 injectors for
Chrysler 3.5L)

Connect injectors with
ASNU70 UNIVERSAL HARNESS

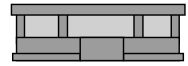
EV8 BOSCH



ASNU62A
O-RING
(UPPER)



ASNU14
O-RING
(LOWER)



ASNU65C
FILTER



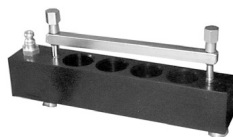
ASNU70
UNIVERSAL HARNESS



ASNU26
PINTLE CAP



ASNU97
CLEANING TRAY



ASNU78
ADAPTER BLOCK
(Holds 4 Injectors -
Ford & VW)

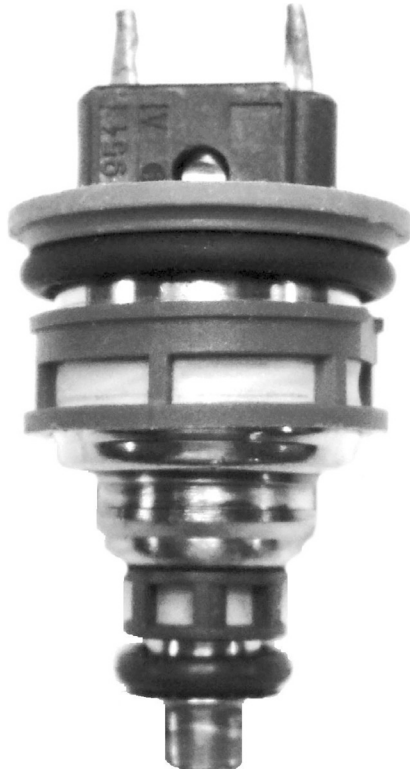
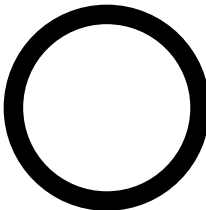


ASNU110
ADAPTER BLOCK
(Holds 6 Injectors -
Chrysler 3.5L)

NOTES:

Testing Tip - When testing the 2 pin injector, use ASNU 70 and ensure you put the positive part of the pin on one side (wire with white stripe), and the negative (plain black wire) on the other side. Set the machine to simultaneous and set the number of injectors to double the amount you are testing (max of 4 injectors can be tested at once)

SIDE FEED INJECTORS

	 ASNU65A O-RING (Upper)	 ASNU65B O-RING (Lower)	 ASNU65E PINTLE CAP
	 ASNU65C FILTER (UPPER)	 ASNU65D FILTER (LOWER)	 ASNU97 CLEANING TRAY
	 ASNU76 ADAPTER BLOCK WITH CUSTOM HARNESS		
Use Test Adapter ASNU76 (single block includes custom harness) CHRYSLER TBI (BOSCH)			

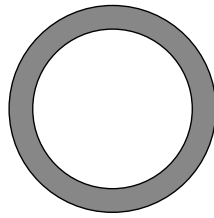
NOTES:

SIDE FEED INJECTORS

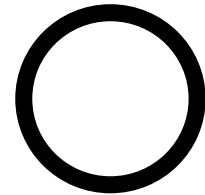


Use Test Adapter ASNU73
(single injector block w/harness)

BOSCH
GM TBI 700 MULTEC
DELPHI / ROCHESTER
DAEWOO



ASNU62A
O-RING
(UPPER)



ASNU62B
O-RING
(LOWER)



ASNU62C
FILTER



ASNU73
ADAPTER BLOCK

NOTES:

SIDE FEED INJECTORS



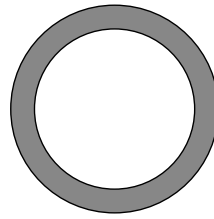
Use Test Adapter ASNU78
(block holds 4 injectors
Ford Zetec)

or

Test Adapter ASNU110
(block holds 6 injectors for
Chrysler 3.5L)

Connect injectors with ASNU70
universal harness

MAZDA / FORD / SIEMENS



ASNU65A
O-RING
(UPPER)



ASNU14
O-RING
(LOWER)



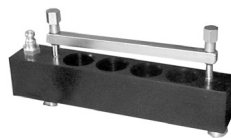
ASNU78C
FILTER
SIEMENS



ASNU70
UNIVERSAL HARNESS



ASNU97
CLEANING TRAY



ASNU78
ADAPTER BLOCK
(Holds 4 Injectors -
Ford Zeta)

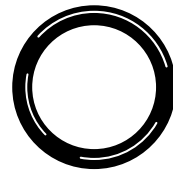


ASNU110
ADAPTER BLOCK
(Holds 6 Injectors -
Chrysler 3.5L / Jaguar)

NOTES:

DO NOT REMOVE METAL
PINTLE CAP

SIDE FEED INJECTORS



ASNU112A
UPPER O-RING



ASNU112B
LOWER O-RING

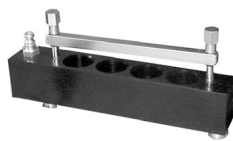
REPLACEMENT FILTER IS UNDER
DEVELOPMENT & CURRENTLY
NOT AVAILABLE

RE-USE OLD FILTER

Use Test Adapter ASNU112
(4 Injector block)

Connect injectors with
ASNU70 universal harness

NISSAN MICRA



ASNU112
4 INJECTOR BLOCK



ASNU70
UNIVERSAL HARNESS

NOTES:

GASOLINE DIRECT INJECTION



Use Test Adapter ASNU 57
(with filter in)

MITSUBISHI
HITACHI - GDI

For testing - remove top
O'Ring and replace with
ASNU 08 x 2 and use
ASNU 57 coupling.



ASNU 234
TOP O RING



ASNU 03
FILTER



INJECTOR ADAPTER
ASNU 57
Test injectors with
filter installed



WIRING HARNESS
ASNU 260
Universal Injector

NOTES:

GASOLINE DIRECT INJECTION



For testing - remove top
O'Ring and replace with
ASNU 08 x 5 and use
ASNU 57 coupling

DENSO GDI



ASNU 67
FILTER



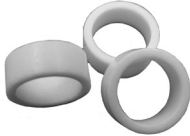
ASNU 57
INJECTOR ADAPTER
Test injectors with
filter installed



ASNU 70P
INJECTOR HARNESS
HIRSCHMANN PLUG

NOTES:

GASOLINE DIRECT INJECTION

			Filter not available DO NOT REMOVE
			
			
			

CITROEN / PEUGEOT
GDI - SIEMENS

ASNU 262
O-RING (TOP)

ASNU 265
WHITE 3.2mm TEFLON SEAL

ASNU 263
SPLIT SPACER

ASNU89
ADAPTER PLATE
(USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)

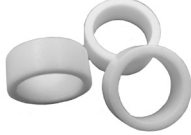
ASNU 56
INJECTOR ADAPTER

ASNU 260
WIRING HARNESS
Universal Injector

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

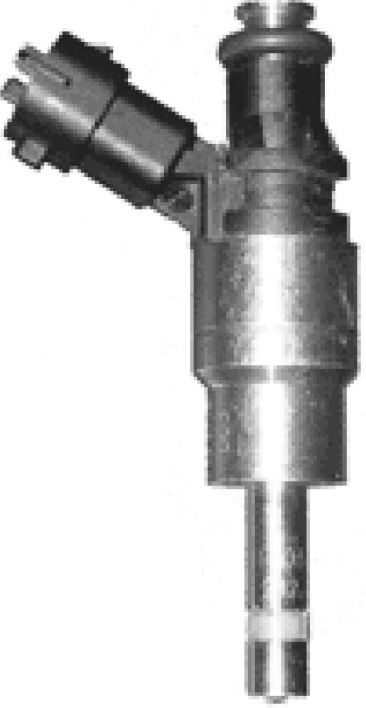
GASOLINE DIRECT INJECTION

 VAUXHALL/GM GDI - SIEMENS	 ASNU 262B O-RING (TOP)		Filter not available DO NOT REMOVE
	 ASNU 265 WHITE 3.2mm TEFLON SEAL		 ASNU 263 SPLIT SPACER
	 ASNU89 ADAPTER PLATE (USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)		
	 ASNU 56 INJECTOR ADAPTER		 ASNU 117 WIRING HARNESS

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

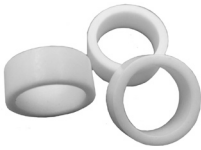
GASOLINE DIRECT INJECTION

 Use Test Adapter ASNU 57 with filter HDEV1 FORD - GDI BOSCH	 ASNU 265 White 3.2mm Teflon Seal	 ASNU 03 Filter
	 ASNU 259 Top 'O' Ring 14.5mm	 ASNU 283 Split Spacer
	 ASNU89 ADAPTER PLATE (USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)	
	 INJECTOR ADAPTER ASNU 57 Test injectors with filter installed	 WIRING HARNESS ASNU 260 Universal Injector

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION

 Use Test Adapter ASNU57 with filter HDEV1 VW - GDI BOSCH	 ASNU 265 White 3.2mm Teflon Seal	 ASNU 03 Filter
	 ASNU 259 Top O-Ring 14.5mm	 ASNU 283 Split Spacer
	 ASNU89 ADAPTER PLATE (USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)	
	 INJECTOR ADAPTER ASNU 57 Test injectors with filter installed	 WIRING HARNESS ASNU 260 Universal Injector

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION



FILTER CANNOT BE
REPLACED
DO NOT REMOVE

Use Test Adapter ASNU 268
with filter

HDEV5



ASNU 265A
Black 3.4mm Graphite Seal



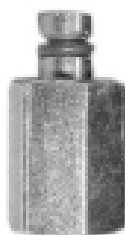
ASNU283B
SPLIT SPACER



ASNU271
TOP 'O' RING 13mm



ASNU89
ADAPTER PLATE
(USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)



INJECTOR ADAPTER
ASNU 268
Test injectors with
filter installed



WIRING HARNESS
ASNU 260
Universal Injector

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION



Use Test Adapter ASNU 57
with filter

HDEV1

VW AUDI - GDI
BOSCH



ASNU259
TOP 'O' RING 14.5mm



ASNU 03
FILTER



ASNU 265
White 3.2mm Teflon Seal



ASNU283
SPLIT SPACER



ASNU89
ADAPTER PLATE
(USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)



INJECTOR ADAPTER
ASNU 57
Test injectors with
filter installed



WIRING HARNESS
ASNU 260
Universal Injector

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION

 Use Test Adapter ASNU 268 with filter HDEV5	 ASNU66W Filter	 ASNU 271 TOP 'O' RING 13mm	 ASNU 283B SPLIT SPACER
	 ASNU 265 White 3.2mm Teflon Seal	 ASNU 217 Damper Washer with Clip	
	 ASNU89 ADAPTER PLATE (USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)		
	 INJECTOR ADAPTER ASNU 268 Test injectors with filter installed	 ASNU 70P WIRING HARNESS Hirschmann Plug	

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

Use ASNU 86S4 Slim GDI Pin to remove filter basket

GASOLINE DIRECT INJECTION

 Use Test Adapter ASNU 268 with filter HDEV5	 ASNU66W Filter	 ASNU271 TOP 'O' RING 13mm
	 ASNU 265B Black 2.8mm Teflon Seal (2 required)	 ASNU 283B SPLIT SPACER
	 ASNU89 ADAPTER PLATE (USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)	
	 INJECTOR ADAPTER ASNU 268 Test injectors with filter installed	 ASNU 260 WIRING HARNESS Universal

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

Use ASNU 86S4 Slim GDI Pin to remove filter basket

GASOLINE DIRECT INJECTION



Use Test Adapter ASNU 268

SUBARU
HDEV5



ASNU66W
Filter



ASNU271
TOP 'O' RING 13mm



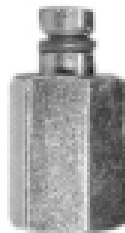
ASNU 265E
Black 3.6mm Teflon Seal
(2 required)



ASNU 283B
SPLIT SPACER



ASNU89
ADAPTER PLATE
(USE TO HOLD BOTTOM OF INJECTORS IN TEST RAIL)



INJECTOR ADAPTER
ASNU 268
Test injectors with
filter installed



ASNU 260
WIRING HARNESS
Universal

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

Use ASNU 86S4 Slim GDI Pin to remove filter basket

GASOLINE DIRECT INJECTION

 WARNING, DO NOT REMOVE FILTER. NOT REPLACEABLE Use Test Adapter ASNU268 HDEV5 VW - GDI BOSCH	 ASNU283B SPLIT SPACER	 ASNU 265 White 3.2mm Teflon Seal
	 ASNU271 TOP 'O' RING 13mm	 ASNU 156A ADJUSTABLE FUEL RAIL
	 INJECTOR ADAPTER ASNU 268 Test injectors with filter installed	 WIRING HARNESS ASNU 260 Universal Injector

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION



BMW - GDI
BOSCH



ASNU 265A
Black 3.4mm Graphite Seal



ASNU 134
Screw Thread Coupling



ASNU 70P
INJECTOR HARNESS
Hirschmann Plug



ASNU 156A
ADJUSTABLE RAIL

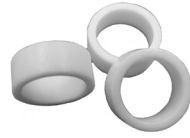
NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION



SIEMENS
PORSCHE - GDI



ASNU 265
White 3.2mm Teflon Seal



ASNU 193B
O-Ring



ASNU 133
COUPLING



ASNU 70
UNIVERSAL HARNESS



ASNU 156A
ADJUSTABLE FUEL RAIL

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION

 SIEMENS PORSCHE - GDI	 ASNU 259 Top O-Ring	 ASNU 03 or 03W FILTER
	 ASNU 283B SPLIT SPACER	 ASNU 265 White 3.2mm Teflon Seal
		 ASNU 70 UNIVERSAL HARNESS

NOTES:

Ensure you push the filter further in the top of the injector until it fits tight
(use small socket or similar tool to push it further in)

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is
fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION

 DENSO GDI	 ASNU 232 TOP O-RING	 ASNU 67 FILTER	 ASNU 209 TOP O-RING RETAINING CLIP
	 ASNU 212 O-RING RETAINING WASHER	 ASNU 213 O-RING SEATING WASHER	
	 ASNU 214 O-RING SPACER (BOTTOM)	 ASNU 123 INJECTOR ADAPTER	

NOTES:

Use ASNU 86S4 Slim GDI Pin to remove filter basket

GASOLINE DIRECT INJECTION

 MARELLI VW GDI	 ASNU 265 White 3.2mm Teflon Seal	 ASNU 14 Top O-Ring
	 ASNU 70 UNIVERSAL HARNESS	 ASNU 193A Top O-Ring
		 ASNU 283 SPLIT SPACER

NOTES:

DO NOT TRY TO REMOVE THE FILTER ON THESE

Varieties of these Marelli VW injectors have either type of Top O-Ring as above options

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION

 DENSO GDI	 ASNU 234 O-RING	 ASNU 67 FILTER
	 ASNU 265D WHITE 2.2mm TEFLON SEAL	 ASNU 209 TOP O-RING RETAINING CLIP
	 ASNU 123 INJECTOR ADAPTER (If adapter coupling is unavailable, remove top o-ring and replace with 2 x ASNU08 to test)	 ASNU 260 WIRING HARNESS Universal Injector

NOTES:

Use ASNU 86S4 Slim GDI Pin to remove filter basket

GASOLINE DIRECT INJECTION

 USE ASNU181 EXTENSION BOLTS WITH LONG INJECTORS USE TEST ADAPTER ASNU258 Delphi GDI For GM/Hyundai/Kia	 ASNU 258 Adaptor	 ASNU 03 Filter Basket
	 ASNU 262 Top O-Ring	 ASNU 263 Spiral Washer
	 ASNU 265B Black 2.8 mm Graphite Seal (2 required)	 WIRING HARNESS ASNU 260 Universal Injector

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION



BMW GDI (B38)
BOSCH



ASNU 156A
Adjustable Fuel Rail



ASNU 231B
Injector Adaptor



ASNU 265A
Black 3.4mm Graphite Seal



ASNU 70P
INJECTOR HARNESS
Hirschmann Plug



NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION



BMW GDI (B48)
BOSCH HDEV6



ASNU 156A
Adjustable Fuel Rail



ASNU 231B
Injector Adaptor



ASNU 265F
Black 2.7mm Graphite Seal



ASNU 70P
INJECTOR HARNESS
Hirschmann Plug



NOTES:

GASOLINE DIRECT INJECTION

 A detailed view of a Bosch HDEV6 injector. It features a black top section with a silver-colored body and a long, threaded needle extending from the bottom. The top section has markings including 'GERMANY', '2018', and '0705'.	 A single, black, circular O-ring.	 Two black, ring-shaped seals, one slightly larger than the other.
BOSCH HDEV6	ASNU 257A Top O-Ring	ASNU 265C Black 2.6mm Graphite Seal
	 A cylindrical metal adaptor with a black O-ring seated in a groove near the top.	 A coiled black cable with a multi-pin connector at one end and a Hirschmann plug at the other.
	ASNU 258 Adaptor	ASNU 70P INJECTOR HARNESS Hirschmann Plug

NOTES:

GASOLINE DIRECT INJECTION



BOSCH GDI
HYUNDAI/KIA



ASNU271
TOP 'O' RING 13mm



INJECTOR ADAPTER
ASNU 268



ASNU 283B
SPLIT WASHER



ASNU 202
RUBBER DAMPING WASHER



ASNU 265A
Black 3.4mm Graphite Seal



ASNU 70KA
Harness Adapter Hyundai/Kia GDI
Use with ASNU 70 Harness

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION

 GM GDI	 ASNU 262 TOP O-RING	 ASNU 263 SPIRAL WASHER	 ASNU 03 Filter Basket
	 ASNU 265B BLACK 2.8mm GRAPHITE SEAL	 ASNU 223 GM GDI Lower Seal	
	 ASNU 258 ADAPTER	 ASNU 260 UNIVERSAL WIRING HARNESS	

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION

 DELPHI GDI	 ASNU 262 TOP O-RING	 ASNU 263 SPIRAL WASHER
	 ASNU 265B BLACK 2.8mm GRAPHITE SEAL	 ASNU 258 ADAPTER
	 ASNU 70 UNIVERSAL HARNESS	 ASNU 156A ADJUSTABLE FUEL RAIL

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION



NISSAN GDI



ASNU 271
TOP O-RING 13MM



ASNU 283B
SPLIT SPACER



ASNU 265B
BLACK 2.8MM GRAPHITE SEAL



ASNU 268
ADAPTER



ASNU 70P
INJECTOR HARNESS
HIRSCHMANN PLUG



ASNU 156A
ADJUSTABLE FUEL RAIL

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION

 NISSAN QASHQAI GDI	 ASNU 271 TOP O-RING 13MM	 ASNU 216 SPLIT SEATING WASHER	 ASNU 265A BLACK 3.4MM GRAPHITE SEAL
	 ASNU 210 O-RING RETAINING CLIP	 ASNU 268 ADAPTER	
	 ASNU 70 UNIVERSAL INJECTOR HARNESS	 ASNU 156A ADJUSTABLE FUEL RAIL	

NOTES:

- 1) DO NOT ATTEMPT TO REMOVE THE TOP FILTER - This should not be replaced.
- 2) When fitting the 265A seal, ensure it is fitted upside down, with the leading edge facing to the top of the injector to ensure the correct fitment. We also recommend fitting ASNU07 over the end to keep the seal tight until the injector is refitted to the engine.

GASOLINE DIRECT INJECTION

 VAUXHALL CONTINENTAL GDI	 ASNU 271 TOP O-RING	 ASNU 283B SPLIT SPACER
	 ASNU 211 FUEL RAIL SPACER CLIP	 ASNU 265B BLACK 2.8mm GRAPHITE SEAL
	 ASNU 268 ADAPTER	 ASNU 70P INJECTOR HARNESS Hirschmann Plug

NOTES:

Filter baskets are not serviceable for this injector

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION

 HONDA KEIHIN GDI	 ASNU 271 TOP O-RING	 ASNU 66W FILTER
	 ASNU 265A BLACK 3.4mm GRAPHITE SEAL	
	 ASNU 268 ADAPTER	 ASNU 70P INJECTOR HARNESS Hirschmann Plug

NOTES:

Split washer currently unavailable through ASNU

Suggestion - Fit 2 x ASNU 271 for testing

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

Use ASNU 86S4 Slim GDI Pin to remove filter basket

GASOLINE DIRECT INJECTION

 SIEMENS CONTINENTAL GDI	 ASNU 259 TOP O-RING	 ASNU 03 or 03W FILTER	 ASNU 283 SPLIT WASHER
	 ASNU 265 WHITE 3.2mm TEFLON SEAL	 ASNU 202 RUBBER DAMPING SEAL	
	 ASNU 57 ADAPTER	 ASNU 70P INJECTOR HARNESS Hirschmann Plug	

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION


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NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION

 BOSCH GDI	 ASNU 271 TOP O-RING	 ASNU 283B SPLIT WASHER
	 ASNU 204 DAMPER RETAINING CLIP	 ASNU 265A BLACK 3.4mm GRAPHITE SEAL
	 ASNU 268 ADAPTER	 ASNU 260 WIRING HARNESS UNIVERSAL

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION

 GDI		
	ASNU 271 TOP O-RING	ASNU 283B SPLIT WASHER
		
	ASNU 265B BLACK 2.8mm GRAPHITE SEAL	
		
	ASNU 268 ADAPTER	ASNU 70P INJECTOR HARNESS Hirschmann Plug

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION

 GDI	 ASNU 08 TOP O-RING	 ASNU 283C SPLIT WASHER
	 ASNU 203 RUBBER DUST SEAL	 ASNU 265B BLACK 2.8mm GRAPHITE SEAL
	 ASNU 57 ADAPTER	 ASNU 260 INJECTOR HARNESS UNIVERSAL

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

GASOLINE DIRECT INJECTION

 BOSCH HDEV5 GDI	 ASNU 271 TOP O-RING	 ASNU 283B SPLIT WASHER
	 ASNU 66W FILTER	 ASNU 265A BLACK 3.4mm GRAPHITE SEAL
	 ASNU 268 ADAPTER	 ASNU 260 INJECTOR HARNESS UNIVERSAL

NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

Use ASNU 86S4 Slim GDI Pin to remove filter basket

GASOLINE DIRECT INJECTION

 MAZDA GDI	 ASNU 218 TOP O-RING	SPLIT WASHERS NOT CURRENTLY AVAILABLE THROUGH ASNU
	 ASNU 03 or 03W FILTER	
	 ASNU 231 COUPLING	 ASNU 70 INJECTOR HARNESS UNIVERSAL

NOTES:

GASOLINE DIRECT INJECTION



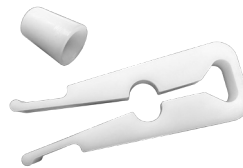
OPTIMAX - MERCURY
MARINE ENGINE



ASNU 248
SERVICE KIT



ASNU 68
INJECTOR ADAPTER COUPLING KIT



ASNU248A
TEFLON SEAL
INSTALLATION TOOL



ASNU 70
UNIVERSAL HARNESS

NOTES:

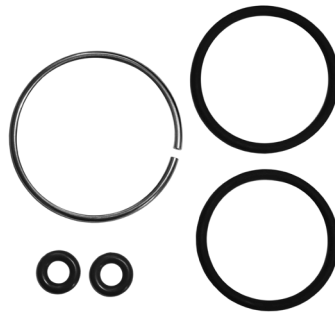
GASOLINE DIRECT INJECTION



FICHT INJECTOR



E-TEC INJECTOR



ASNU 185SK
Seal Kit for E-TEC

CLEAN & TEST THE INJECTORS USING THE ASNU 2 STROKE GDI BOX & FOLLOW
THE INSTRUCTIONS SUPPLIED

NOTES:

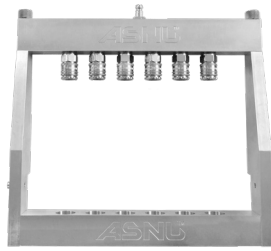


FICHT & E-TEC INJECTORS CAN ONLY BE SERVICED AND
CHECKED USING THE ASNU 2 STROKE GDI ADAPTOR
BOX IN CONJUNCTION WITH AN ASNU CLASSIC GDI OR
ASNU GDI ADAPTOR BOX AND ASNU CLASSIC.

PIEZO INJECTORS



**SIEMENS
PIEZO GDI**
BMW
Gasoline Direct
Injection



ASNU120
FUEL RAIL FOR
SIEMENS PIEZO INJECTORS



ASNU 121
INJECTOR TO FUEL RAIL
COUPLING FOR
SIEMENS PIEZO INJECTORS



ASNU265
WHITE 3.2mm
TEFLON SEAL



ASNU124
PIEZO INJECTOR WIRING HARNESS

PIEZO ADAPTER BOX
CHOICE OF TWO COLOURS

THE ABOVE RAIL, COUPLINGS & WIRING ARE PART OF
THE STARTER KIT SUPPLIED WITH THE ASNU PIEZO
ADAPTER BOX



ASNU 219
PIEZO FILTER BASKET



TECHNICAL NOTES:



ASNU 219T
FILTER BASKET FITTING TOOL

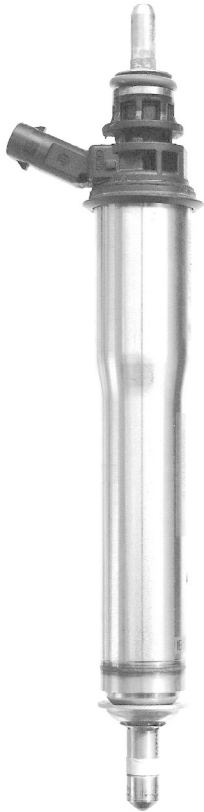
USE ASNU 219T TOOL TO FIT THE NEW FILTER
BASKET. PLEASE SEE OUR VIDEO ON OUR
WEBSITE FOR INSTRUCTIONS:
WWW.ASNU.COM/VIDEOS

USE ASNU 86S4 GDI PIN TO REMOVE THE FILTER



ASNU 86S4
FILTER REMOVAL PIN

PIEZO INJECTORS



BOSCH
PIEZO GDI
MERCEDES
Gasoline Direct
Injection



ASNU 156A
ADJUSTABLE FUEL RAIL



ASNU 123
INJECTOR TO FUEL RAIL
COUPLING FOR
BOSCH PIEZO INJECTORS



ASNU265
WHITE 3.2mm TEFLON SEAL



ASNU123A
FUEL RAIL O-RING



ASNU123B
TOP O-RING

PIEZO ADAPTER BOX
CHOICE OF TWO COLOURS

THE ABOVE RAIL, COUPLINGS & WIRING ARE
PART OF THE STARTER KIT SUPPLIED WITH THE
ASNU PIEZO ADAPTER BOX



ASNU124
PIEZO INJECTOR WIRING HARNESS



TECHNICAL NOTES:

Tip - Fit ASNU 07 Pintle Cap over the combustion seal until the injector is fitted to the engine to keep the seal compressed

FOR TECHNICAL ASSISTANCE, PLEASE CALL:
UK (44) (0)208 420 4494 OR EMAIL: enquiries@asnu.com

PIEZO

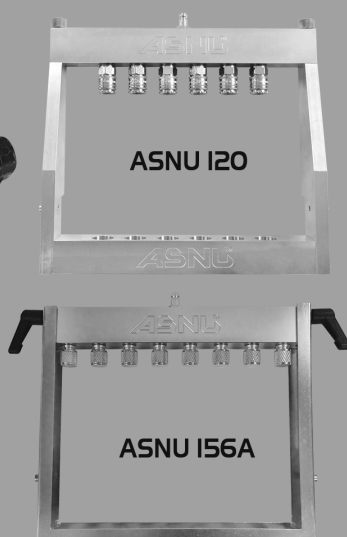
PETROL/GASOLINE



SIEMENS



BOSCH



ASNU I20

ASNU I56A



ASNU I24



PIEZO GDI ADAPTER BOX

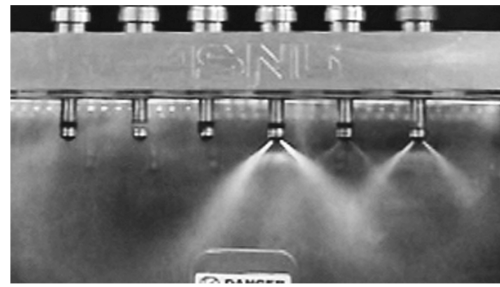
ASNU PIEZO

Diagnosing Injector Performance

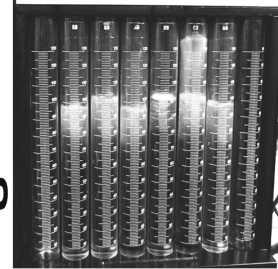
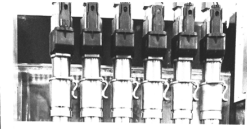
Piezo injector is the current system of choice of major executive vehicle manufacturers. Piezo injectors can respond so quickly that they can allow the vehicle to run at incredible air/fuel ratios of up to 60:1 in some engines. Compared to standard vehicles running at 14:1 air/fuel ratios, this means the minimum amount of fuel is used and the exhaust emissions are virtually non-existent, while still maintaining excellent drivability and performance. As you can imagine, the performance of these injections is critical, maintenance should **not** be an option, it should be **mandatory**.

How often do you check your Piezo injectors?

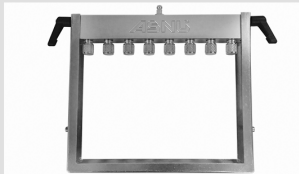
Piezo injections offer performance, driveability, economy and the ultimate in exhaust emissions.



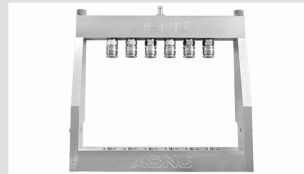
How do
you
test your
Piezo injectors?



Equipment Included in Piezo Adapter Box



Adjustable Fuel Rail



Siemens Fuel Rail



Injector Harness



Siemens Coupling (QTY 6)



Siemens Coupling (QTY 6)



Connection Harness

Special Features

In conjunction with a world leading vehicle manufacturer, ASNU have created this purpose built adapter box.

- ◆ Easy to use test functions using the latest Piezo technology
- ◆ Easy connections to Classic GDi Machine or GDi adapter Box.
- ◆ Universal fittings for Piezo type injectors
- ◆ Dimensions: 300mm x 190mm x 220mm in a robust metal casing.

ASNUTM = *good as new...*

ASNU Corporation Europe Ltd
65-67 Glencoe Road,
Bushey, Herts
WD23 3DP (UK)
Tel: (+44) 2084204494
Email: enquiries@asnu.com
www.asnu.com

DISTRIBUTOR



GDI Adapter Box



The ASNU GDI Adapter Box is designed to work with all ASNU produced machines.

The GDI systems operate in SEQUENTIAL mode; firing fuel to each injector in turn directly in to the combustion chamber, as opposed to the conventional SIMULTANEOUS mode as used in most manifold injection systems.

The ASNU GDI Adapter Box is designed to work with all currently produced injectors. As the Gasoline engine develops into the GDI production, ASNU will work to maintain the system with updates as the new systems are introduced.

To enable the user to analyse the fuel spray pattern easier and measure the fuel flow rate more accurately, the ASNU GDI Adapter Box has a specific range of settings that will enable the user to check the injectors electronic operation, clearly see the injectors spray pattern form and accurately measure the injector delivery flow rates.

GDI Adapter Box Features

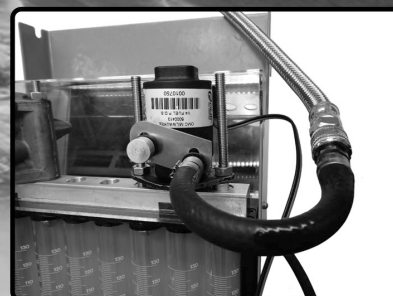
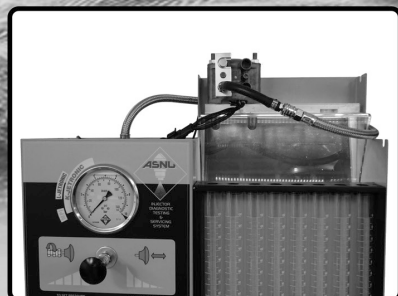
- Suitable For All Types GDI Injectors
- 18 Various M/S & RPM Test Settings
- Simulates on-car Spray Patterns & Flow Rates
- Tests Up To 8 GDI/FSI Injectors at one time
- Suitable for Standard Manifold Injectors
- Sequential Injector Firing Operation
- Single Injector Selection During Multi Injector Operation
- Injector Inductance Test - Checking Injector Electro Magnetic Circuit
- Injector Leak Down Test
- Ultrasonic Injector Cleaning Cycle
- 12 Language Selection Screen
- Easy to Read LCD Screen
- Membrane Key Pad
- Updates Old ASNU Machine To Latest Specification
- Use with Any ASNU System
- Power Supply - AC Input 90 - 264 V



2 STROKE GDI MARINE ADAPTER BOX



The 2SGDI system has been produced to drive Evinrude and Ficht Direct Injectors with an ASNU Classic GDI machine



Ficht & E-TEC Injector Applications:

- Marine (Evinrude, Johnson outboards and Sea Doo jet skis)
- Snow (Ski doo, and Polaris snowmobiles)
- Land (Polaris and Bombardier ATV products)

2 Stroke GDI Box Benefits:

- Run Ficht and E-TEC injectors using any ASNU Classic GDI machine / GDI Box
- Recover seized injectors.
- Clean fouled injectors
- Leak test injectors
- Dynamic flow test injectors (pulsing)
- View spray patterns



Injector Driver Technical details:

- Automatic detection of Ficht or ETEC injector connection
- High voltage drive
- Uni-directional high current drive (Ficht)
- Bi-directional high current drive (E-TEC)
- 100 – 5000 injections per minute pulsing range
- 96 – 264Vac 50/60Hz electrical supply range

2 Stroke GDI Box Kit Contents:



ASNU 2SGDI
Driver Box



ASNU 147
Mains power lead



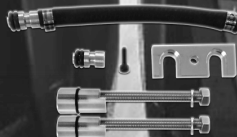
ASNU 185D
Ficht & E-TEC Mounting Frame



ASNU 185PH
Pintle Holder



ASNU 185Ficht
Injector Fuel Connection &
Blanking plug for Ficht



ASNU 185ETEC
Injector Fuel Connection
& Blanking plug for E-TEC



ASNU 185T
Cleaning Tray



ASNU 150M
Display Window



ASNU 185F
Injector Harness for
Ficht



ASNU 185E3
Injector Harness for
E-TEC 3-Pin



ASNU 185E2
Injector Harness for
E-TEC 2-Pin



ASNU 125
Adapter box to ASNU
connection cable



ASNU 185SK
E-TEC Seal Kit

In addition to the supplied contents, you will also require:



ASNU Classic GDI /
GDI Box



ASNU 266EXT
Injector Extraction Tool



ASNU 42
Flowrite



ASNU 41
Bioclean

ASNU Corporation Europe Ltd

65-67 Glencoe Road, Bushey, Hertfordshire, WD23 3DP

Tel: +44 (0) 208 4204494 Email: enquiries@asnu.com, Web: www.asnu.com

ASNU GDI Extractor Tool

Part No: ASNU266EXT



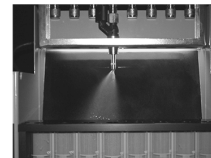
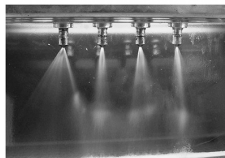
The ASNU GDI Injector Extractor tool has been designed by ASNU for the safe removal of tight fitting or inaccessible GDI injectors. This tool will be an essential, valuable and welcome addition to the tool range of any technician involved with the removal of GDI Injectors.



The GDI Injectors are built to a one micron tolerance; possibly the finest tolerance of any mechanical part on the engine.



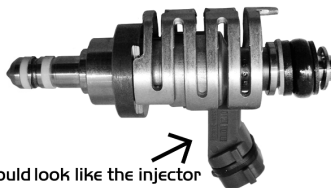
Removing these injectors without the correct tool can possibly alter the seating of the pintle shaft of the injector, which can cause leaking or "sticking" problems for the valves pintle or it can even break the pintle ball off the end of the shaft. Any of these issues will render the injector as scrap and will require a new one. Hopefully the issue will be identified BEFORE it's fitted back in to the engine, where if not, it could cause untold damage to the engine's combustion chamber.



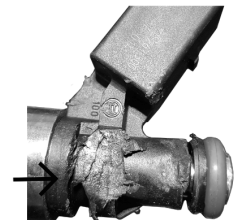
ASNU has tested and serviced more GDI injectors than anyone else in the world and have seen injectors damaged beyond recognition by "Technicians" struggling to remove GDI injectors without the correct tools. The kit in its basic format will safely grip all gasoline solenoid injectors in the grooves designed for extraction purposes.



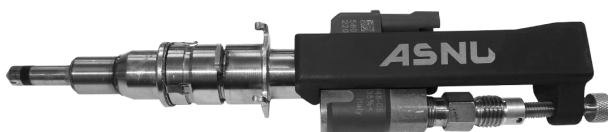
Broken off connector plug (should look like the injector to the right) due to incorrect removal.



Damaged injectors from using vice grips/pry bar to remove injectors & damaging the outer casing



There is also an optional extra designed for extracting the BMW Piezo Injectors (ASNU 266BMW) As the injectors connecting pipe is offset, it is very easy for technicians to try and remove these injectors, pulling them out at the wrong angle and damaging them without the use of the ASNU tool.

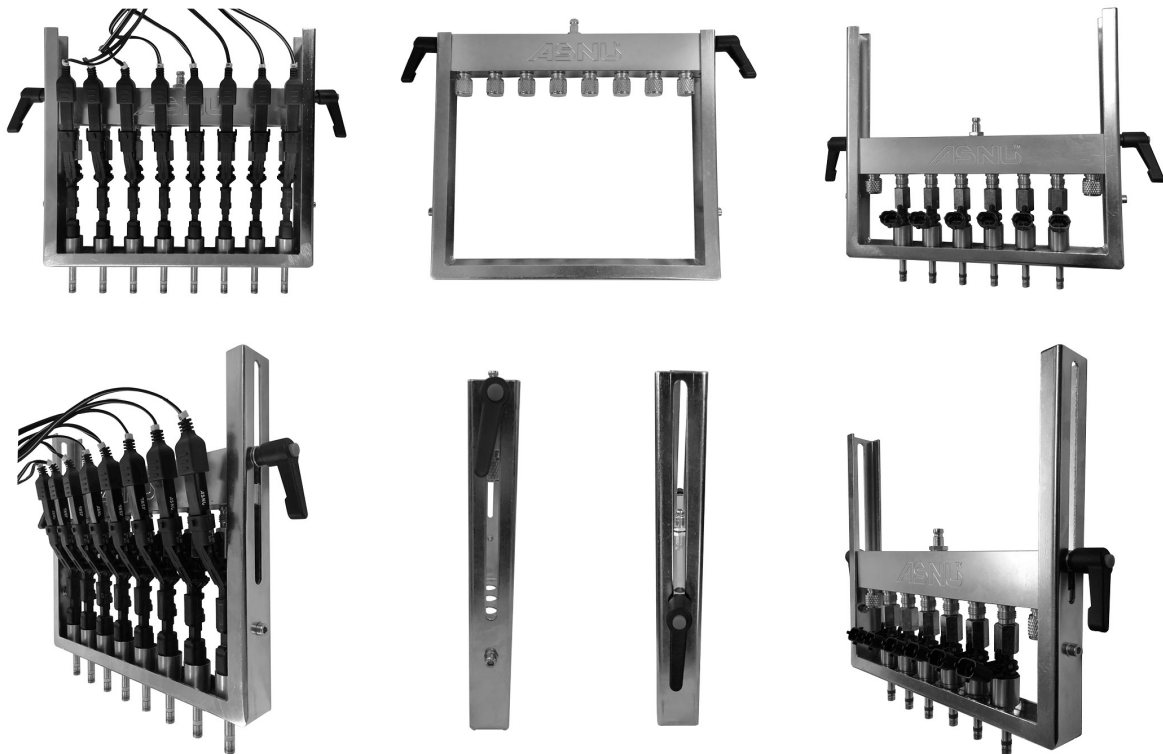


ACCESSORIES & SPARES



ASNU Adjustable Injector Test Rail & ASNU GDI Fuel Rail Holder

The new ASNU I56A Adjustable Injector Test Rail has been designed to allow the ASNU user to quickly and easily install and test various different physical sized injectors without having to change the test rails they are mounted into.



Operation of the rail is very simple - by simply releasing the clamp levers, you can quickly release the injectors for easy removal and install. Once the injectors are in place, just turn the levers to secure their position.

This will really help reduce the time to test a set of injectors!

Part Number: ASNU I56A

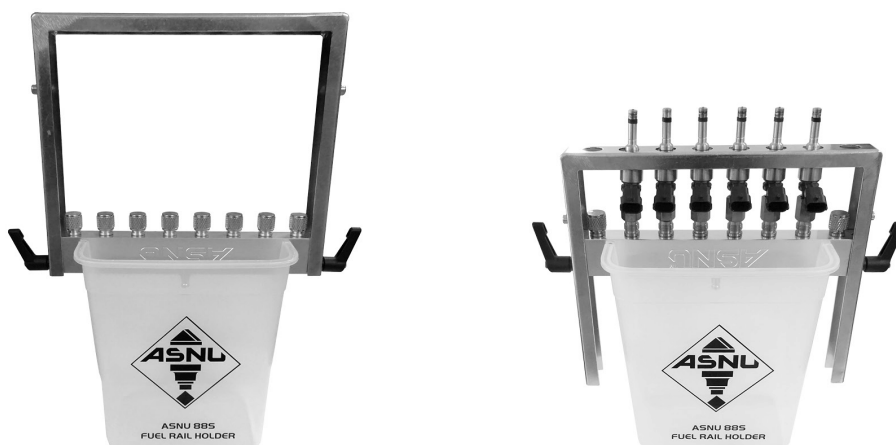
ACCESSORIES & SPARES



ASNU GDI Fuel Rail Holder



The new fuel rail holder is deep enough to allow the adjustable securing frame to go down to very small injectors (such as Pico) when installing or removing them. The fuel rail holder makes it easy to work whilst installing and removing injectors, whilst at the same time capturing the residual fuel that is released from the rail when the injectors are removed, which can then be returned to the fuel tank reservoir.



The fuel rail holder can also be used as a waste receptacle when flushing the injectors before re-testing them, ensuring that the water based ultrasonic fluid (that may still be inside the injectors after ultrasonic cleaning) is removed and disposed of so as not to contaminate the oil-based test fluid in the machine.

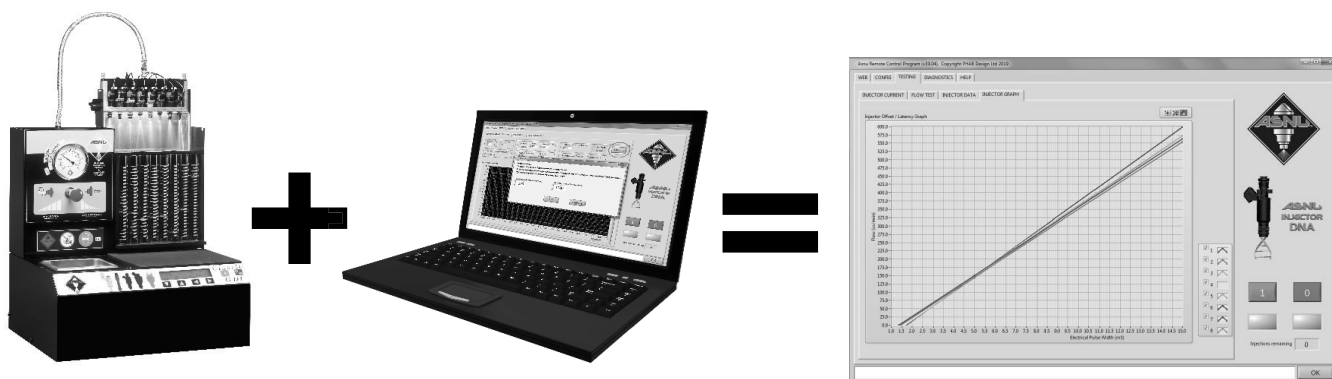
The GDI Fuel Rail Holder (Part No ASNU 885) is included when you order ASNU I56A Adjustable Injector Test Rail

ACCESSORIES & SPARES

ASNU REMOTE CONTROL SOFTWARE & Optional Variable Voltage add-on box

Introducing the ASNU Remote Control Software

The Remote Control software is designed to work alongside the ASNU Classic GDI. The Asnu Classic GDI machine is pre-programmed with a limited set of injector testing settings, so running the ASNU Remote Control Software with the machine will allow you to take more control when testing and servicing your injectors and replicate behaviour much closer to on-vehicle performance.



Part Numbers:

ASNU Remote Control Software: **ASNU Remote**
ASNU Variable Voltage add-on box: **ASNU 630***



*Followed by UK, EU, USA or AUS depending on power plug requirement

ACCESSORIES & SPARES

Features of the ASNU Remote Control Software

Full control of injector parameters including the following:

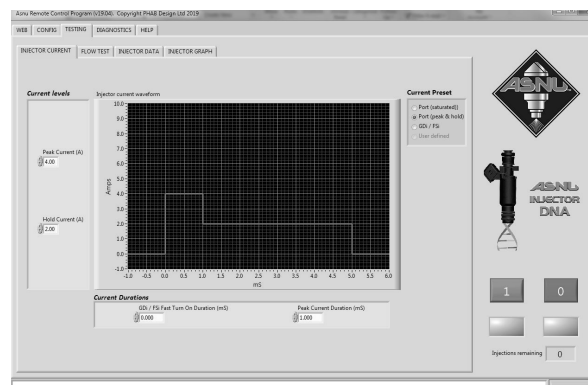
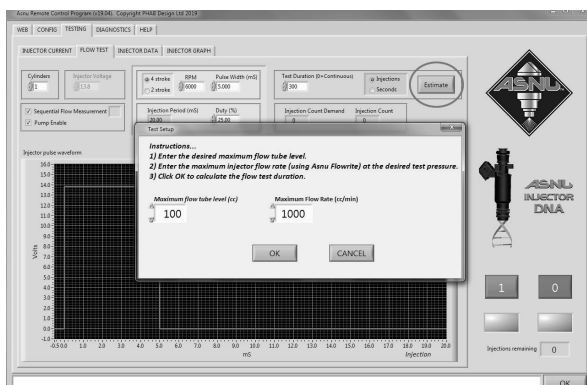
- * Fast Turn On Time (GDI/FSI)
- * Engine Speed
- * Peak Current
- * Pulse Width
- * Hold Current
- * Duty
- * Flow Test Duration (injections or seconds)
- * 4 or 2 Stroke selection
- * Injector Voltage (Optional extra in conjunction with the Variable Voltage USB controlled power supply box. Range 0V - 18V)

Other features include:

- * Ability to automatically estimate the flow test duration that will be required to fill the flow tubes
- * Graphical representation of the injector Offset / Dead-time
- * The ability to generate the Offset / Deadtime data for any injector at different voltages and pressures
- * Ability to match sets of injectors
- * Automatic conversion of flow values from volume in (cc) to flow rate (cc/min and lbs/hour)
- * Flow results and test settings can be saved, viewed and printed (Excel or Excel file compatible reader required)
- * Automatic conversion of flow values from Asnu FlowRite liquid to Vehicle fuel including user adjustment for different fuels
- * Graphical representation of the injector current demand
- * Graphical representation of the injector Pulse Width and Duty
- * Built in User manual and instruction links
- * Ability to save configuration settings
- * Free 10 day trial available

System Requirements:

- ASNU Classic GDI
- Windows 7, 8 or 10 (32 and 64 bit supported)
- PC/Laptop with USB port (2 x USB ports required if you order the optional Variable Voltage Box)
- ASNU Classic GDI Firmware version 19.04 or later is required to make use of all the program features
- ASNU Classic GDI with Serial number 423900 or newer otherwise ASNU 631 Upgrade Kit with board is required



ACCESSORIES & SPARES



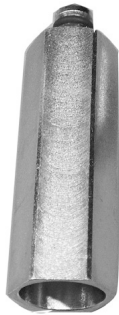
ASNU41C
BIO-CLEAN ULTRASONIC
CLEANING FLUID
CONCENTRATE
1 LITRE BOTTLE



ASNU41
BIO-CLEAN ULTRASONIC
CLEANING FLUID PRE-MIX
5 LITRE BOTTLE



ASNU42
FLOW-RITE
CALIBRATION FLUID
5 LITRE BOTTLE



ASNU44
ADAPTER COUPLING EXTRA
LONG FOR SHORT INJECTORS
WITH 14.5MM O-RING



ASNU45
ADAPTER COUPLING EXTRA
LONG FOR JAPANESE
INJECTORS WITH 11MM O-RING



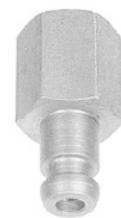
ASNU47
8MM FEMALE
ADAPTER COUPLING
FOR 8MM MALE COLD START
INJECTOR



ASNU48
10MM MALE
ADAPTER COUPLING
FOR 10MM FEMALE
COLD START INJECTOR



ASNU49
ADAPTER COUPLING
COLD START INJECTOR
HOSE TYPE (12-13MM)



ASNU50
10MM FEMALE
ADAPTER COUPLING
FOR 10MM MALE
COLD START INJECTOR

ACCESSORIES & SPARES



ASNU54
8MM MALE
ADAPTER COUPLING
FOR 10MM FEMALE
CIS (K-JET)



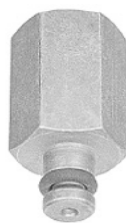
ASNU55
12MM FEMALE
ADAPTER COUPLING
FOR 12MM MALE
CIS (K-JET)



ASNU57
ADAPTER COUPLING
BOSCH, LUCAS, WEBER,
MARELLI, SIEMENS
TESTS INJECTORS
WITHOUT REMOVING
INLET FILTER



ASNU58
ADAPTER COUPLING
TESTS MULTIPORT
INJECTORS WITH FUEL
HOSE INSTALLED



ASNU59
ADAPTER COUPLING
SLIM TYPE DENSO
TESTS INJECTORS
WITHOUT REMOVING
INLET FILTER



ASNU68
ADAPTER COUPLING KIT
MERCURY MARINE
OPTIMAX GDI INJECTOR



ASNU70
UNIVERSAL HARNESS
CONNECTS MOST
MULTIPORT INJECTORS

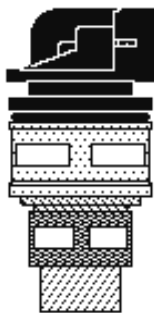


ASNU70P
INJECTOR HARNESS
HIRSCHMANN FITMENT

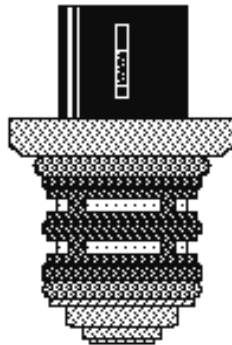


ASNU71
ADAPTER BLOCK
GM TBI MAXI
WITH CUSTOM HARNESS

ACCESSORIES & SPARES



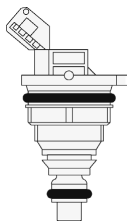
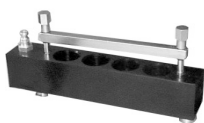
ASNU72
ADAPTER BLOCK
 GM TBI MULTEC
 WITH CUSTOM HARNESS
 (single block - use ASNU115
 for Quad Block)



ASNU73
ADAPTER BLOCK
 FORD CFI - HOLLEY SPI
 CHRYSLER & BOSCH
 WITH CUSTOM HARNESS
 (single block - use
 ASNU113 for twin block)



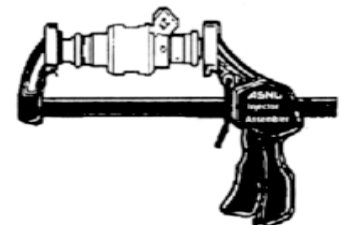
ASNU76
ADAPTER BLOCK
 BOSCH SPI
 (Tests 1 injector)



ASNU78
ADAPTER BLOCK
 FORD ZETA MPI/SPI
 (BOSCH / WEBER /
 SIEMENS / DENSO)
 (Tests 4 injectors)



ASNU81
CUSTOM NYLON COVER
 FOR ASNU MACHINE



ASNU84
PINTLE CAP & FILTER
ASSEMBLY TOOL

ACCESSORIES & SPARES



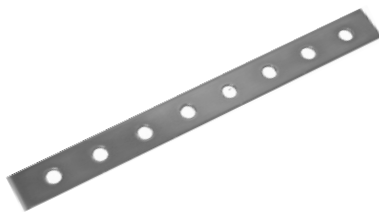
ASNU86
FILTER BASKET
REMOVAL TOOL



ASNU86S4
4MM GDI FILTER
REMOVAL PIN



ASNU87
CUSTOM FIT
RUBBER BENCH MAT



ASNU89
WEBER / SIEMENS
TOP FEED MULTIPOINT
"MINI PECO INJECTOR"
ADAPTER PLATE
twin pack



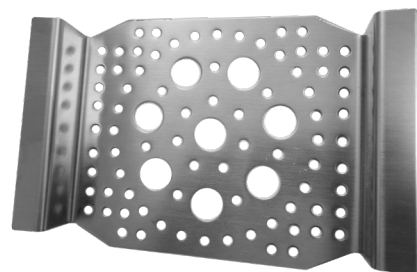
ASNU92
INJECTOR SERVICE
REPORT PAD
50 SELF CARBON
(ENGLISH ONLY)



ASNU95
PERSPEX CLEANING
TRAY FOR K-JETRONIC
INJECTORS

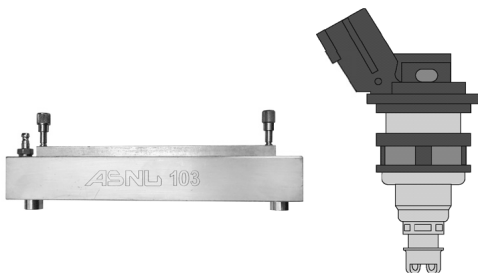


ASNU97
SIDE FEED INJECTOR
CLEANING TRAY
(SHALLOW)



ASNU99
Mini Peco S/S Injector Cleaning Tray

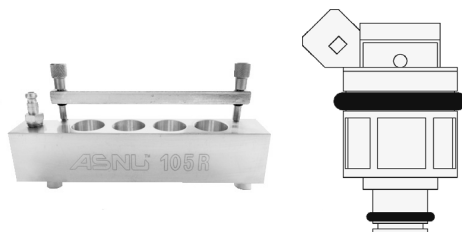
ACCESSORIES & SPARES



ASNU103
ADAPTER BLOCK
 NISSAN JECS
 (Tests 6 injectors)



ASNU104
ADAPTER BLOCK
 TOYOTA JECS MPI
 PREVIA / TARAGO
 (Tests 6 injectors)



ASNU105
ADAPTER BLOCK
 NISSAN PATHFINDER /
 NAVARA
 (Tests 4 injectors)



ASNU106
ADAPTER BLOCK
 NISSAN / SUBARU SPI
 (Tests 6 injectors)

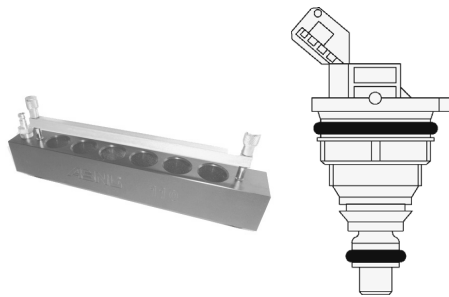


ASNU107
ADAPTER BLOCK
 MAZDA DENSO
 (Tests 6 injectors)

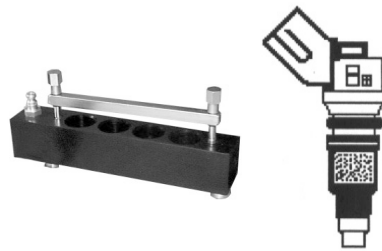


ASNU109
ADAPTER KIT
 GM VORTEC 4.3L & 5.7L
 LATE VERSION
 (Includes ASNU109H
 Harness & Cleaning Tray)

ACCESSORIES & SPARES



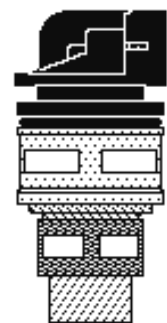
ASNU110
ADAPTER BLOCK
FORD ZETA / SIEMENS
CHRYSLER 3.5L
(Tests 6 injectors)



ASNU112
ADAPTER BLOCK
NISSAN MICRA JECS
(Tests 4 injectors)



ASNU115
ADAPTER BLOCK GM
TBI MULTEC 700
(Tests 4 injectors, includes
custom harness)



ASNU116
CUSTOM HARNESS FOR 8 DELPHI
INJECTORS & 8 ROCHESTER TBI 700
MULTEC INJECTORS



ASNU133
COUPLING FOR SIEMENS PORSCHE
GDI INJECTOR



ASNU 134
BOSCH SCREW TOP GDI
INJECTOR COUPLING

ACCESSORIES & SPARES



ASNU150
FLOW DISPLAY
WINDOW



ASNU151
CALIBRATION FLUID
TANK COVER



ASNU152
GLASS MEASURING
CYLINDER - MM



ASNU153
ULTRASONIC BATH
INJECTOR CRADLE



ASNU154
CALIBRATION FLUID
IN-LINE FILTER



ASNU155
FUEL PUMP
FILTER



ASNU156A
ADJUSTABLE INJECTOR
RAIL ASSEMBLY
(includes 8 capping off nuts
& 88S Fuel Rail Holder)



ASNU181
EXTENSION BOLTS
(FOR USE WITH OLD
ASNU 156 RAILS)



ASNU219T
PIEZO FILTER TOOL

ACCESSORIES & SPARES



ASNU258
GM/Hyundai/Kia Adapter



ASNU266
Seal Compression Tool
For use with ASNU 265/265A/265B as shown



ASNU266X
Seal Fitting Cone (on its own)



ASNU267
GDI Cleaning Tray



ASNU268
GDI 13mm Adapter



ASNU708
BACKLIGHT KIT
(Add light to view Spray Patterns on older style ASNU machines)

MISC. O-RINGS



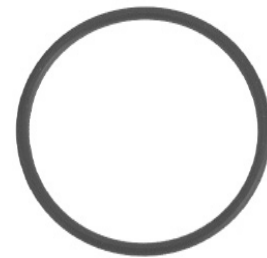
ASNU52
Lower for
ASNU51 Coupling



ASNU53
Upper for ASNU51,
fits ASNU156 Test Rail
& ASNU54 K-Jet Coupling



ASNU157
FITS CAPPING
OFF NUT



ASNU71A
Fits Adapter Blocks
ASNU71



ASNU404
O-Ring
Measuring Cylinder
Couplings - Upper
(Hitech Machine)



ASNU405
O-Ring
Measuring Cylinder
Couplings - Lower
(Hitech Machine)



ASNU417
O-Ring
Measuring Cylinder
Couplings - Upper
(ASNU Machine)



ASNU419
O-Ring
Measuring Cylinder
Couplings - Lower
(ASNU Machine)



ASNU418
Spacer
Bottom of Cylinder
to Rack
(ASNU Machine)

ACCESSORIES & SPARES

ASNU FILTERS

Brass Ring Size

6mm

5.5mm

6mm

6mm

6.5mm



Material & Filter length including Brass Ring

Plastic
6mm

Plastic
8mm

Plastic
10mm

Wire
10mm

Plastic
13mm

ASNU PART NUMBER

ASNU 02

ASNU 02A

ASNU 03

ASNU 03W

ASNU 04

Brass / Metal / Plastic Ring Size

6mm

7mm

10.4mm

4.6mm

4.1mm



Material & Filter length including Brass/Metal Ring

Stainless Steel
9.9mm

Stainless Steel
7.3mm

Plastic
13mm

Wire
11.8mm

Wire
14.9mm

ASNU PART NUMBER

ASNU 03SS6

ASNU 03SS7

ASNU 30F

ASNU 66W

ASNU 67

ASNU FILTERS CONTINUED

Brass / Metal / Plastic Ring Size

6mm

6mm

6.2mm



Material & Filter length including Brass Ring

Plastic
10.6mm

Plastic
11mm

Plastic
11.5mm

ASNU PART NUMBER

ASNU 186

ASNU 198

ASNU 199



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Although the information contained within this catalog is believed to be reliable, no warranty (expressed or implied) can be made as to its accuracy or completeness, nor is any responsibility assumed by the seller of the ASNU DIAGNOSTIC TEST BENCH & ULTRASONIC FUEL INJECTOR CLEANER or anyone connected with it for loss or damages suffered through reliance on any information contained in this catalog.

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TECHNICAL INFORMATION

Due to the wide design variety of injectors between different manufacturers, we strive to maintain the information in this catalog up to date.

We welcome recommendations and comments regarding the ASNU machine functionality, maintenance, and pictures or samples of injectors that require study & adapter development that do not appear in this catalogue.

Please e-mail: enquiries@asnu.com

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