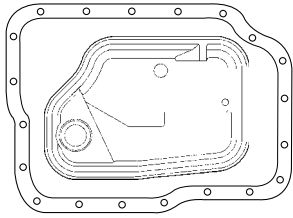


# FORD 4F27E (FN) MAZDA J39A (FN)



20 Bolt Pan  
FK88800  
Front Wheel Drive

<b>4F27E</b>	
Ford Focus	00-Up
<b>J39A</b>	
Mazda Protege	99-Up

## REBUILDER KITS

DESCRIPTION	QTY.	YEAR	DELUXE KIT	MASTER O/H KIT	LESS STEELS KIT	OVERHAUL KIT	GASKET & SEAL KIT
<b>To order Kits with all Borg Warner frictions, use a 'KB' prefix instead of the traditional 'K' prefix.</b>							
Rebuilder Kits - Mazda (1)	1	99-Up		K8800	K8800-LS	K88900	
Rebuilder Kits - Ford (1)	1	00-Up		K8800A	K8800A-LS	K88900A	

(1) Master Overhaul Kit and Less Steel Kit contain bonded rubber pistons.

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REFERENCE NO.
<b>MISCELLANEOUS GASKETS &amp; SEALS/PAN GASKETS</b>					
N.I.	Gasket - Pan .....	1	99-Up	13541X	N.L.
	- Valve Body (Mazda uses Bonded Plate) .....	2	99-Up	13544	XS4Z-7C155AB
	- Solenoid Body - w/Screen .....	1	99-Up	13545	XS4Z-7N220AB
	- Solenoid Body - w/o Screen .....	1	99-Up	13546	XS4Z-7H038AB
N.I.	Seal - Pump - O-Ring - Mazda .....	1	99-Up	13542	FN01-19-242
N.I.	Seal - Pump - Lathe Cut - Ford .....	1	00-Up	13543	XS4Z-7A248AC

## CLUTCH PLATES

**Order Frictions with "B" prefix for Borg Warner brand, "R" prefix for Raybestos brand.**

N.I.	Friction:				
	- Forward - .063 .....	3/4	99-Up	88100	XS4Z-7B164CB
	- Direct - .063 .....	3	99-Up	88100	XS4Z-7B164CB
	- Low/Reverse - .063 .....	5	99-Up	88104	XS4Z-7B164BB
	- Reverse - .063 .....	2	99-Up	88106	XS4Z-7B164AB
N.I.	Steel:				
	- Forward - .063 (Direct - Early Mazda) .....	3/4	99-Up	88101	XS4Z-7B442CB
	- Direct - .136 .....	3	99-Up	88103	XS4Z-7B442DB
	- Low/Reverse - .063 .....	5	99-Up	88105	XS4Z-7B442BB
	- Reverse - .063 .....	2	99-Up	88107	XS4Z-7B442AB

## FILTERS/FILTER KITS

**Order Filter Kits with "FK" prefix for Cork-Neoprene, "FFK" prefix for Fibre.**

N.I.	Filter Kit .....	1	99-Up	FK88800	N.L.
N.I.	Filter - Plastic .....	1	99-Up	88800	XS4Z-7A098AB

## BRAKE BANDS

**Order NEW Brake Bands with "B" prefix for Borg Warner brand, "R" prefix for Raybestos brand.**

N.I.	Intermediate .....	1	99-Up	88700	XS4Z-7D034AB
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## METAL CLAD SEALS

N.I.	Pump .....	1	99-Up	88200	XS4Z-7A248AA
N.I.	Axle - Left/Right - Mazda .....	2	99-Up	88201	F004-27-238
N.I.	Axle - Left/Right - Ford .....	2	00-Up	88201A	XS4Z-1177AA

# FORD 4F27E (FN) MAZDA J39A (FN)

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REFERENCE NO.
<b>BUSHINGS</b>					
N.I.	Bushing Kit .....	1	99-Up	<b>K88905</b>	N.L.
N.I.	Pump Body .....	1	99-Up	<b>88001</b>	N.L.

<b>THRUST WASHERS/NEEDLE BEARINGS</b>					
N.I.	Bearing Kit .....	1	99-Up	<b>K88906</b>	N.L.
N.I.	Pump Washer .....	1	99-Up	<b>88209</b>	N.L.

**HARD PARTS**

**Hard Parts may only require the base number for OEM/Aftermarket New. A "N" suffix may also be required or a "-R" suffix for remanufactured. Exceptions are listed individually.**

**NOTE: A separate column is provided to indicate a primary or specific brand/type.**

ILL.	DESCRIPTION	BRAND	QTY.	YEAR	PART NO.	REFERENCE NO.
N.I.	Pump - Ford .....		1	99-Up	<b>88920</b>	3S4Z-7A103AA
	Pump - Mazda .....		1	99-Up	<b>88920A</b>	FN11-1970XB
N.I.	Housing - Forward Clutch - 2nd Design <b>(2)</b> .....		1	99-Up	<b>88964A</b>	XS4Z-7F207AC
N.I.	Snap Ring - Forward Piston Retainer (5 Pack) <b>(2)</b> .....		1	99-Up	<b>88962</b>	XS4Z-7H365AB
N.I.	Forward Hub .....	R	1	99-Up	<b>88966</b>	N.L.
N.I.	End Cover .....	R	1	99-Up	<b>88995</b>	N.L.
N.I.	Rev Drum .....		1	99-Up	<b>88961</b>	N.L.
N.I.	Drum - Direct (High) .....		1	99-Up	<b>88965</b>	N.L.
N.I.	Hub - Direct (High) .....	R	1	99-Up	<b>88963</b>	N.L.
N.I.	Rear Sun Flange .....		1	99-Up	<b>88949</b>	N.L.
N.I.	Rear Planet .....		1	99-Up	<b>88951</b>	N.L.
N.I.	Front Sun Gear .....		1	99-Up	<b>88948</b>	N.L.
N.I.	Front Planet .....		1	99-Up	<b>88950</b>	N.L.
N.I.	Ring Gear .....		1	99-Up	<b>88952</b>	N.L.
N.I.	<b>Sprag</b> - Low .....		1	99-Up	<b>88960</b>	XS4Z-7A089AB
N.I.	Differential Package - w/ pinion & output gear:					
	- 85T/22T Ring/Pinion, 83T/87T Transfer/Output .....	R	1	99-Up	<b>K88980A</b>	N.L.
	- 86T/21T Ring/Pinion, 83T/87T Transfer/Output .....	R	1	99-Up	<b>K88980B</b>	N.L.
	- 86T/21T Ring/Pinion, 57T/59T Transfer/Output .....	R	1	99-Up	<b>K88980C</b>	N.L.
	- 85T/22T Ring/Pinion, 57T/59T Transfer/Output .....	R	1	99-Up	<b>K88980D</b>	N.L.
N.I.	Valve Body - w/ solenoids .....	R	1	99-Up	<b>88990A</b>	N.L.
N.I.	Piston - Bonded:					
	- Piston - Forward Clutch - 2nd Design <b>(2)</b> .....		1	99-Up	<b>88530</b>	XS4Z-7A262CC
	- Retainer - Forward Clutch .....		1	99-Up	<b>88531</b>	XS4Z-7H360AB
	- Piston - Direct Clutch .....		1	99-Up	<b>88532</b>	XS4Z-7A262AB
	- Retainer - Direct Clutch .....		1	99-Up	<b>88533</b>	XS4Z-7H359AB
	- Low/Reverse Clutch .....		1	99-Up	<b>88534</b>	XS4Z-7A262BB
	- Reverse Clutch - 1.375 Tall - Mazda .....		1	99-Up	<b>88535</b>	FN01-19-SHOA
	- Reverse Clutch - 1.475 Tall - Ford .....		1	00-Up	<b>88535A</b>	XS4Z-7D402AB
	- Intermediate Servo .....		1	99-Up	<b>88528</b>	XS4Z-7D021AB

**(2)** Forward Piston/Housing, before 8-14-99, is not available. To service prior models, purchase piston 88530, retainer 88531, forward housing 88964A, snap ring 88962 (5 Pack) separately.

<b>ELECTRICAL PRODUCTS</b>						
N.I.	Solenoid:					
	- EPC .....		1	99-Up	<b>5A-279</b>	XS4Z-7G383AA
	- Shift - On/Off .....		2	99-Up	<b>5A-280</b>	XS4Z-7H148AA
	- Shift - PWM .....		3	99-Up	<b>5A-281</b>	XS4Z-7G484AA
N.I.	Switch - DTR - Manual Lever .....		1	99-Up	<b>15A-279</b>	XS4Z-7F293AB
N.I.	Sensor:					
	- Input .....		1	99-Up	<b>20A-279</b>	XS4Z-7M101AB
	- Output .....		1	99-Up	<b>20A-280</b>	XS4Z-7H103AB
N.I.	Connector - w/ Harness - Internal .....		1	99-Up	<b>25A-279</b>	XS4Z-7G276AB

4F27E/J39A