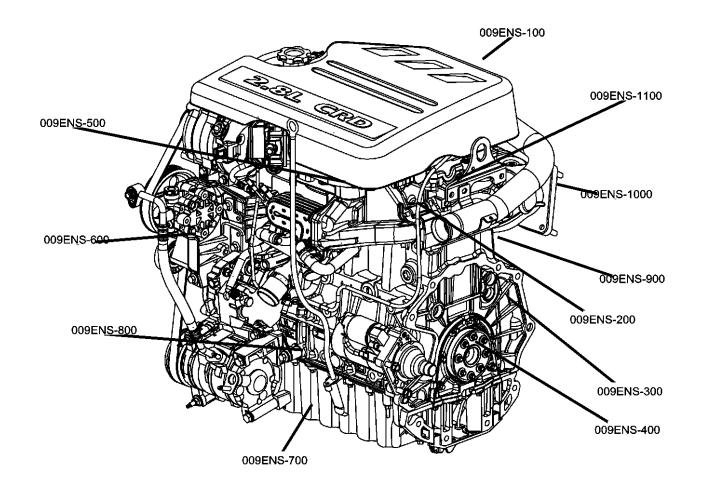
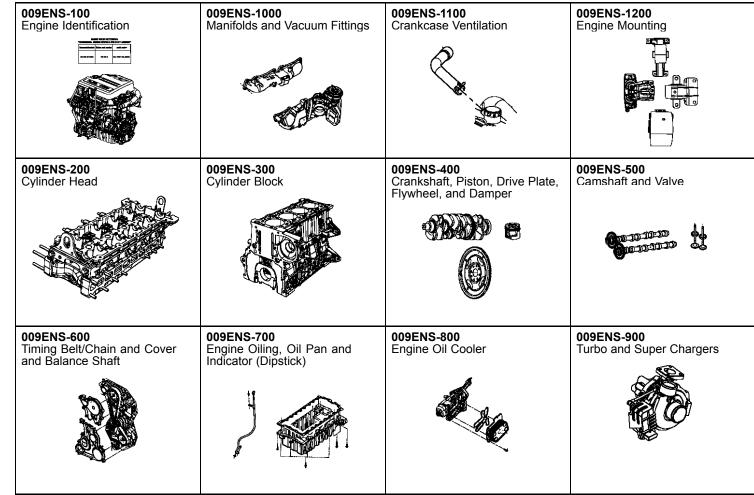
Group - 009ENS

2.8L Turbo Diesel; Engine





Group - 009ENS 2.8L Turbo Diesel; Engine

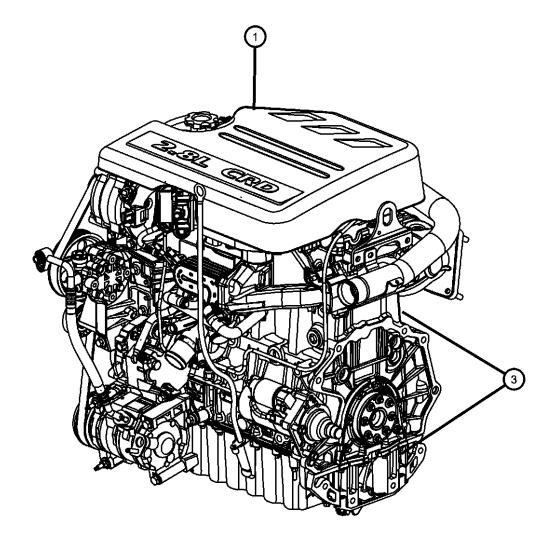
illustration little	Group-Fig. No
Engine Identification Engine Assembly And Identification 2.8L Diesel[ENS] Fig Engine Gasket Package 2.8L Diesel [ENS] Fig	
Cylinder HeadCylinder Head Cover 2.8L Diesel [ENS].FigCylinder Head 2.8L Diesel [ENS]Fig	
Cylinder Block Engine Cylinder Block 2.8L Diesel [ENS]Fig	j. 009ENS - 30
Crankshaft, Piston, Drive Plate, Flywheel, and Damper Crankshaft, Crankshaft Bearings, Damper, And Flywheel 2.8L Diesel [ENS]	
Camshaft and Valve Camshafts & Valvetrain 2.8L Diesel [ENS]Fig	j. 009ENS - 50
Timing Belt/Chain and Cover and Balance Shaft Timing Case Covers 2.8L Diesel [ENS]	. 009ENS - 62
Engine Oiling, Oil Pan and Indicator (Dipstick)Engine Oiling Pump 2.8L Diesel [ENS]FigEngine Oil Pan, Engine Oil Level Indicator And Related Parts 2.8L Diesel [ENS]FigEngine Oil Filter And Housing 2.8L Diesel [ENS]Fig	. 009ENS - 72
Engine Oil Cooler Engine Oil Cooler 2.8L Diesel [ENS]	j. 009ENS - 80
Turbo and Super Chargers Turbocharger And Oil Tubes/Hoses 2.8L Diesel [ENS]	j. 009ENS - 92
Manifolds and Vacuum FittingsExhaust Manifold And Shield 2.8L Diesel [ENS].Fig.Intake Manifold 2.8L Diesel [ENS]Fig.	
Crankcase Ventilation Crankcase Ventilation 2.8L Diesel [ENS]Fig.	009ENS - 110
Engine Mounting Engine Mounting 2.8L Diesel [ENS]	009ENS - 120

Engine Assembly And Identification 2.8L Diesel[ENS] Figure 009ENS-105

ENGINE CROSS REFERENCE

"COMMERCIAL ENGINE MODELS AND PART NUMBER"

Commercial models	Engine code number	serial number	
RA 428 RT7.05A	VM 64 C	dm. 01001 fm. 99999	



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
------	----------------	-----	------	--------	------	--------	-------	------	-------------

NOTE:

Illistrated Is A Chart Of Engines Listed In The Catalog With Relative Engine Prefix And Serial Number.

Dm. = From Serial Number

Fm. = Up To Serial Number

These Stampings Are Found On The Left Side Of The Engine By The Timing Cover.

Sales Codes:

[DBB] = All Manual Transmissions

[DEH] = 6-Speed Manual NSG370 Transmission

[DGQ] = 5-Speed Automatic 545RFE Transmission

[DGV] = 4-Speed Automatic VLP 42RLE Transmission

[DG0] = All Automatic Transmissions

[DHE] = Manual Shift On The Fly NVG 241 Generation II Transfer Case

[DHW] = 4:1 Rock-Trac H.D. Part Time 4WD NVG 241 Transfer Case

[EGT] = 3.8L V-6 SMPI Engine

[EG0] = All V-6 Engines

[ENS] = 2.8L 4 Cylinder Turbo Diesel Next Generation

1

[EN0] = All Turbo Diesel Engines

[NAA] = Federal Emissions

[NAE] = California Emissions

[NAS] = 50 State Emissions

[NA1] = Export Emissions

[XEF] = Transfer Case Skid Plate Sheild

52059943AD

52059943AD

52059943AD

ENGINE, Complete, Diesel, (NOT SERVICED)

LABEL, Engine Identification, See Note, (NOT SERVICED) ENGINE, Long Block, (NOT

SERVICED)

WRANGLER (JK)

SERIES LINE P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WDM = MEDIUM U = JEEP - 4WD (RHD)

L = LOWLINE

BODY TYPE #2

TYPE #4

ENGINE

74 = SPORT UTILITY 4-DR Generation Engine

ENS = 2.8L 4 Cyl TD Next

TRANSMISSION

Transmission

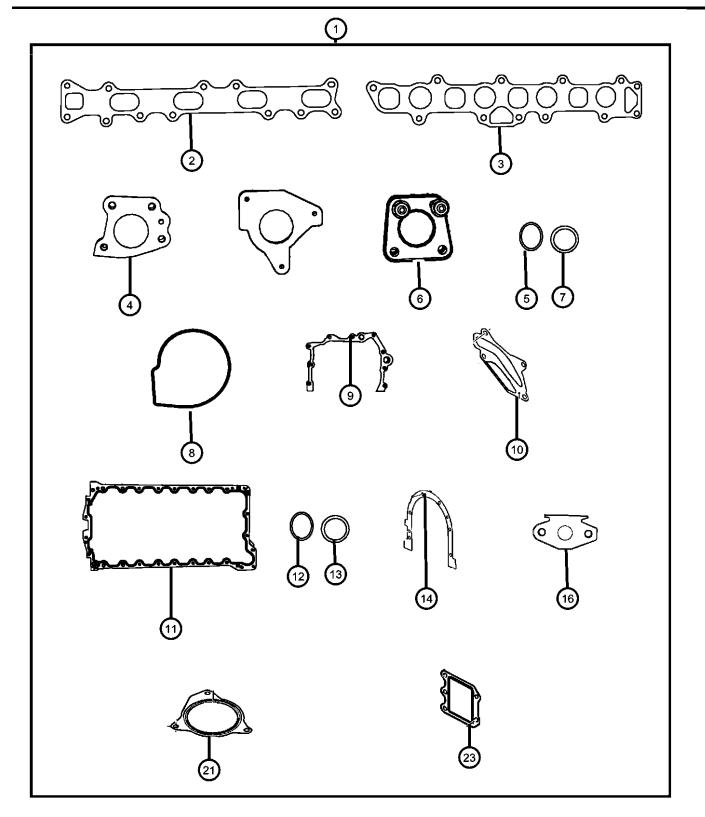
DGV = 4-Spd. Automatic VLP 42RLE

ITEM

LINE

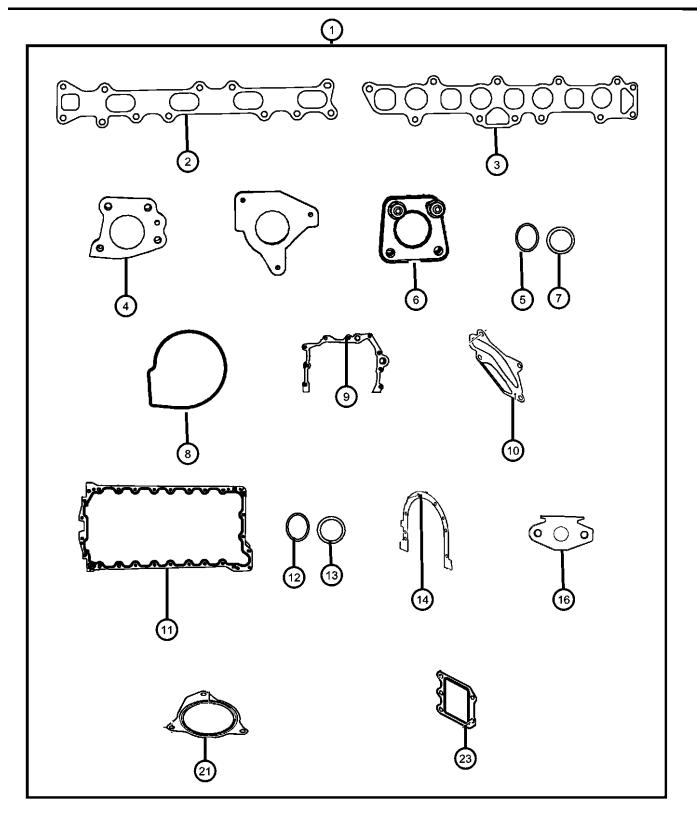
SERIES

BODY

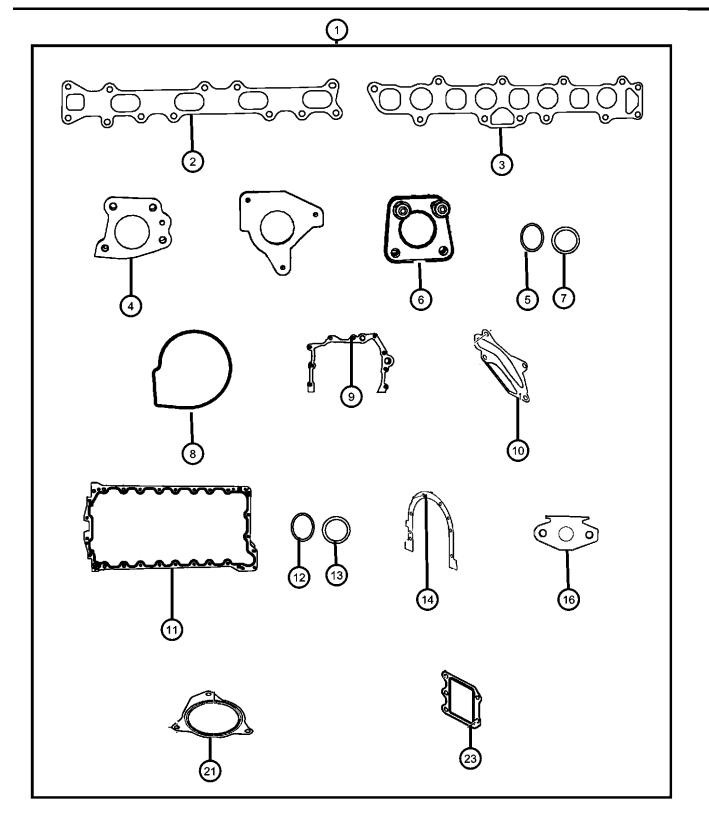


I I E IVI	NUMBER	QII	LINE	JERIES	ВОВТ	LINGINE	INANS	I IXIIVI	DESCRIPTION
NOTE: Sales Co	dos:								
	All Manual Transi	missions	5						
	6-Speed Manual								
	5-Speed Automa 4-Speed Automa								
DG0] = A	All Automatic Tra	nsmissio	ons						
	Manual Shift On [·] 4:1 Rock-Trac H)			
	3.8L V-6 SMPI Er		TITILE 4VVD I	100 241 118	ilisiei Case				
	All V-6 Engines	b D:-	N 4 O-						
	2.8L 4 Cylinder T All Turbo Diesel E		esei next Ge	neration					
[NAA] = F	Federal Emission	ıs							
	California Emission 50 State Emission								
	Export Emissions								
[XEF] = T	ransfer Case Sk	id Plate	Sheild						
1									GASKET PACKAGE, Engine
	68032196AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
2									GASKET, Exhaust Manifold
	68027585AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
3									GASKET, Intake Manifold
	68027586AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
4									GASKET, EGR Valve
	68027590AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
5									O RING, Fuel Injector
WRANGL	ER (JK)								
SERIES	LINE			BODY		ENG		- ·	TRANSMISSION
P = PREM S = SPOF				72 = SPO TYPE #2	RT UTILITY 2-		= 3.8L V6 SM = 2.8L 4 Cyl		DEH = 6-Speed Manual NSG370 Transmission
M = MEDI	IUM U = JEEP		RHD)	74 = SPO	RT UTILITY 4-		eration Engine		DGV = 4-Spd. Automatic VLP 42RLE
L = LOWL	-IINE			TYPE #4					Trans DGQ = 5-Spd Automatic 545RFE
									Transmission

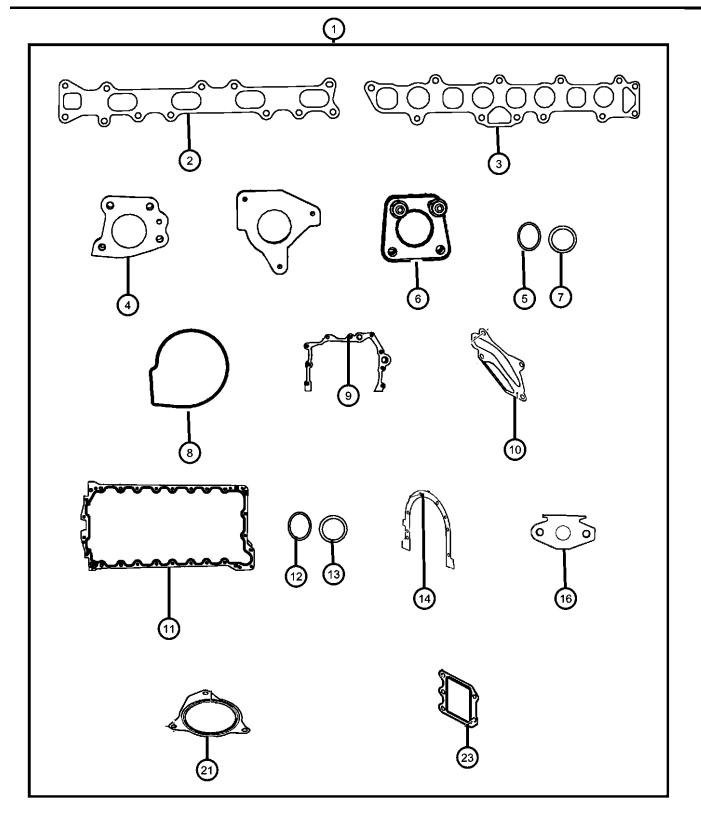
ENGINE TRANS TRIM



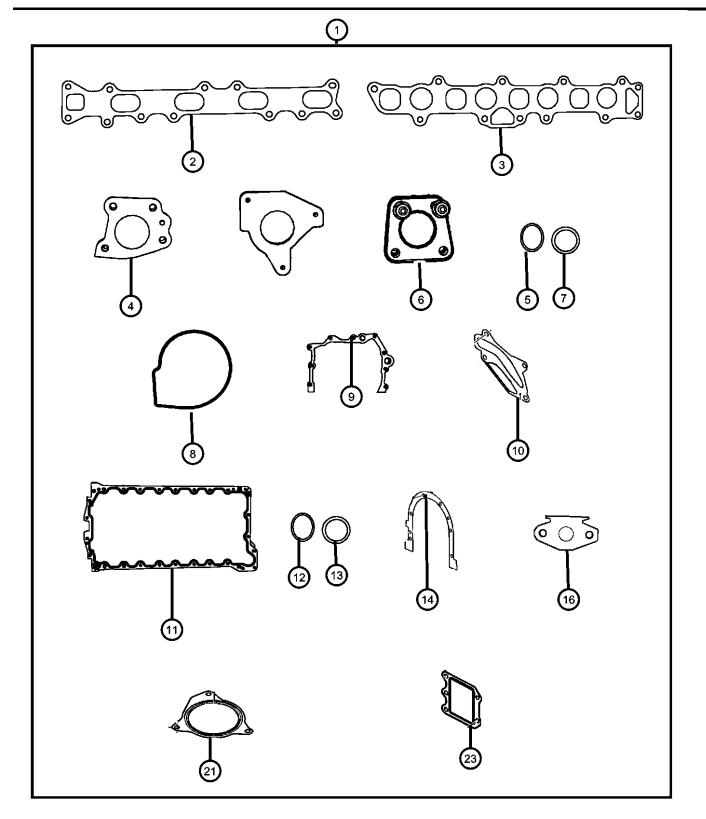
ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
	05072722AA	1	J, U			ENS	DG0		Upper
		1	J, T, U			ENS	DG0		Upper
		1	J, U			ENS	DBB		Upper
		1	J, T, U			ENS	DBB		Upper
	68032207AA	4	J, U			ENS	DG0		Lower
		4	J, T, U			ENS	DG0		Lower
		4	J, U			ENS	DBB		Lower
		4	J, T, U			ENS	DBB		Lower
6									GASKET, Turbocharger
	68027584AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
7									O RING, Engine Oil Indicator
	04720373	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
8									GASKET, Water Pump
	68031589AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
9									GASKET, Timing Case Cover
	68027582AA	1	J, U			ENS	DG0		
		1	T, U, J			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
10									GASKET, Oil Pump
	68027580AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
WRANGI SERIES P = PRE S = SPO	LINE MIUM T = JEEP	- 2WD	o, ., c	BODY 72 = SPO TYPE #2	RT UTILITY 2	ENG 2-DR EGT			TRANSMISSION DEH = 6-Speed Manual NSG370 Transmission
M = MEI L = LOW	DIUM U = JEEP		RHD)		RT UTILITY 4		= 2.6L 4 Cyl I	D MCX	DGV = 4-Spd. Automatic VLP 42RL Trans DGQ = 5-Spd Automatic 545RFE Transmission



ľ	TEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINI	E TRANS	TRIM	DESCRIPTION
		•		1		1		1		
	11									GASKET, Oil Pan
		68027583AA	1	J, U			ENS	DG0		
			1	J, T, U			ENS	DG0		
			1	J, U			ENS	DBB		
			1	J, T, U			ENS	DBB		
	12									WASHER
		04720713	2	J, U			ENS	DG0		Engine Oil Feed Tube
			2	J, T, U			ENS	DG0		Engine Oil Feed Tube
			2	J, U			ENS	DBB		Engine Oil Feed Tube
			2	J, T, U			ENS	DBB		Engine Oil Feed Tube
		05142808AA	1	J, U			ENS	DG0		Cylinder Block Plug
			1	J, T, U			ENS	DG0		Cylinder Block Plug
			1	J, U			ENS	DBB		Cylinder Block Plug
			1	J, T, U			ENS	DBB		Cylinder Block Plug
	13									O RING
		04864689	1	J, U			ENS	DG0		Piston Oil Jet Cooler
			1	J, T, U			ENS	DG0		Piston Oil Jet Cooler
			4	J, U			ENS	DBB		Piston Oil Jet Cooler
			4	T, U, J			ENS	DBB		Piston Oil Jet Cooler
		05083157AA	1	J, U			ENS	DG0		Engine Oil Indicator Tube
			1	J, T, U			ENS	DG0		Engine Oil Indicator Tube
			1	J, U			ENS	DBB		Engine Oil Indicator Tube
			1	J, T, U			ENS	DBB		Engine Oil Indicator Tube
		05096232AA	1	J, U			ENS	DG0		Air Tempature Sensor
			1	J, T, U			ENS	DG0		Air Tempature Sensor
			1	J, U			ENS	DBB		Air Tempature Sensor
			1	J, T, U			ENS	DBB		Air Tempature Sensor
		68029517AA	1	J, U			ENS	DBB		Electronic Throttle Control
			1	J, T, U			ENS	DBB		Electronic Throttle Control
			1	J, U			ENS	DG0		Electronic Throttle Control
			1	J, T, U			ENS	DG0		Electronic Throttle Control
		68031594AA	1	J, U			ENS	DG0		Coolant Housing
			1	J, T, U			ENS	DG0		Coolant Housing
SEF P = S = M =	ANGLE RIES PREM SPOR MEDIU LOWLI	T J = JEEP JM U = JEEP	- 4WD	RHD)	TYPE #2	RT UTILITY 2 RT UTILITY 4	-DR EC	IGINE BT = 3.8L V6 SM IS = 2.8L 4 Cyl ⁻ eneration Engine		TRANSMISSION DEH = 6-Speed Manual NSG370 Transmission DGV = 4-Spd. Automatic VLP 42RLE Trans DGQ = 5-Spd Automatic 545RFE Transmission
										Transmission



	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
	•				<u>, </u>				
		1	J, U			ENS	DBB		Coolant Housing
		1	J, T, U			ENS	DBB		Coolant Housing
	68031598AB	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
14									GASKET, Crankshaft Rear Oil Sea
	68027581AA	1	J, U			ENS	DG0		Retainer
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
-15			, ,						WASHER, Hose Adapter
	04720564	1	J, U			ENS	DG0		•
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
16									GASKET
	68029493AA	1	J, U			ENS	DG0		Nipple To Cylinder Block
		1	J, T, U			ENS	DG0		Nipple To Cylinder Block
		1	J, U			ENS	DBB		Nipple To Cylinder Block
		1	J, T, U			ENS	DBB		Nipple To Cylinder Block
-17									GASKET, Oil Filler Cap
	04720300	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
-18									O RING, Oil Suction Tube
	05066789AB	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		2	J, U			ENS	DBB		
		2	J, T, U			ENS	DBB		
-19									WASHER, Plain
	04720353	1	J, U			ENS	DG0		



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
-20									WASHER, Oil Pressure Transdu
	04720704	1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
		1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
21									GASKET, Turbo Exhaust Outlet
	68027588AA	1	J, U			ENS	DG0		
		1	U, J, T			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
-22									GASKET
	68027589AA	1	J, U			ENS	DG0		Intake Elbow To Intake Manifo
		1	J, T, U			ENS	DG0		Intake Elbow To Intake Manife
		1	J, U			ENS	DBB		Intake Elbow To Intake Manife
		1	J, T, U			ENS	DBB		Intake Elbow To Intake Manifo
	68031571AA	1	J, U			ENS	DG0		Engine Oil Drain Tube
		1	J, T, U			ENS	DG0		Engine Oil Drain Tube
		1	J, U			ENS	DBB		Engine Oil Drain Tube
		1	J, T, U			ENS	DBB		Engine Oil Drain Tube
23									GASKET, EGR Cooler
	05142617AA	1	U, J			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD

M = MEDIUM U = JEEP - 4WD (RHD) L = LOWLINE

BODY 72 = SPORT UTILITY 2-DR TYPE #2

TYPE #4

ENGINE

74 = SPORT UTILITY 4-DR Generation Engine

TRANSMISSION

EGT = 3.8L V6 SMPI Engine ENS = 2.8L 4 Cyl TD Next Generation Engine DEH = 6-Speed Manual NSG370 Transmission DGV = 4-Spd. Automatic VLP 42RLE

Cylinder Head Cover 2.8L Diesel [ENS] Figure 009ENS-205

ITEM

PART NUMBER

QTY

LINE

SERIES

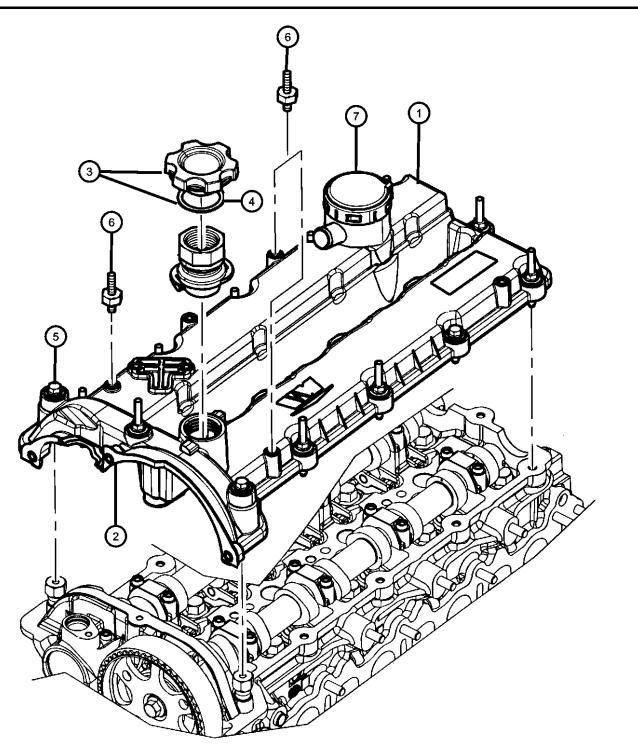
BODY

ENGINE

TRANS

TRIM

DESCRIPTION



	NOMBLIX						
IOTE: Sales Co							
	All Manual Transn						
	6-Speed Manual I 5-Speed Automat						
GV] =	4-Speed Automat	ic VLP	12RLE Trans	smission			
G0] =	All Automatic Tran	nsmissic	ns				
	Manual Shift On 1 4:1 Rock-Trac H.				е		
GT] =	3.8L V-6 SMPI En						
	All V-6 Engines	ırha Dia	aal Navt Ca	ooration			
	2.8L 4 Cylinder Tu All Turbo Diesel E		sei next Gei	leration			
AA] =	Federal Emissions	s					
	California Emission 50 State Emission						
	Export Emissions	10					
EF] =	Transfer Case Ski	d Plate	Sheild				
1							COVER, Cylinder Head
	68027076AA	1	J, U		ENS	DG0	
		1	J, T, U		ENS	DG0	
		1	J, U		ENS	DBB	
		1	J, T, U		ENS	DBB	
2		1					GASKET, Cylinder head Cover,
							The Cylinder Head Cover Gasket Is Reusable And Only Serviced
							With The Cover, (NOT SERVICED)
3							CAP, Oil Filler
	04863741	1	J, U		ENS	DG0	
		1	T, U, J		ENS	DG0	
		1	J, U		ENS	DBB	
		1	J, T, U		ENS	DBB	
4							GASKET, Oil Filler Cap
	04720300	1	J, U		ENS	DG0	•
		1	J, T, U		ENS	DG0	
			J, U		ENS	DBB	
		1	J, U				
		1					
5			J, T, U		ENS	DBB	BOLT, Serviced With Cylinder Head

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD J = JEEP - 4WD S = SPORT U = JEEP - 4WD (RHD) M = MEDIUM L = LOWLINE

TYPE #4

BODY

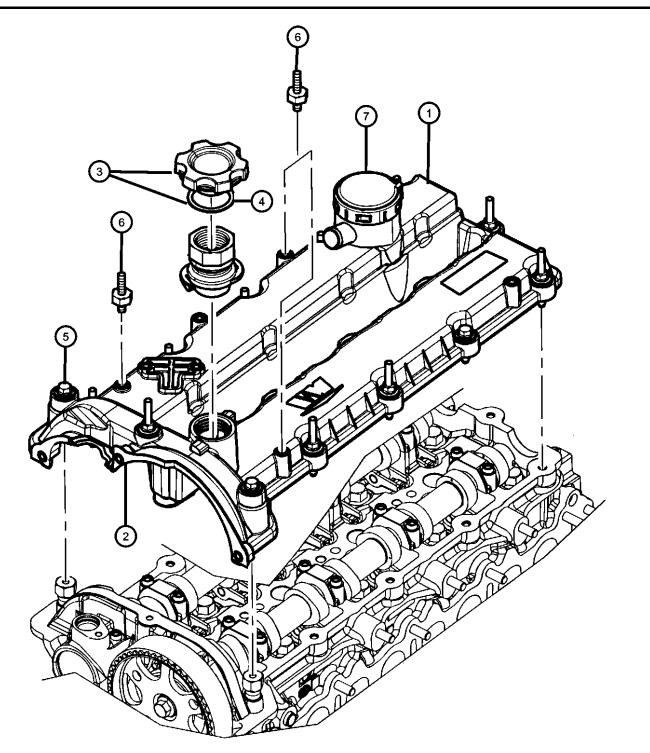
72 = SPORT UTILITY 2-DR EGT = 3.8L V6 SMPI Engine DEH = 6-Speed Manual NSG370 TYPE #2 ENS = 2.8L 4 Cyl TD Next Transmission
74 = SPORT UTILITY 4-DR Generation Engine DGV = 4-Spd. Automatic VLP 42R

ENGINE

TRANSMISSION

DGV = 4-Spd. Automatic VLP 42RLE

Cylinder Head Cover 2.8L Diesel [ENS] Figure 009ENS-205



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION	l
6		1							STUD, Serviced With Cylinder Head Cover Only, (NOT	
7		1							SERVICED) SEPERATOR, Oil, (NOT SERVICED)	

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD M = MEDIUM U = JEEP - 4WD (RHD) L = LOWLINE

BODY

ENGINE

TRANSMISSION TYPE #4

TRANSMISSION

1 RANSMISSION

12 = SPORT UTILITY 2-DR
EGT = 3.8L V6 SMPI Engine
ENS = 2.8L 4 Cyl TD Next
Transmission
Transmission
DGV = 4-Spd. Automatic VLP 42RLE
Trans DGQ = 5-Spd Automatic 545RFE Transmission

Cylinder Head 2.8L Diesel [ENS] Figure 009ENS-225

ITEM

PART NUMBER

QTY

LINE

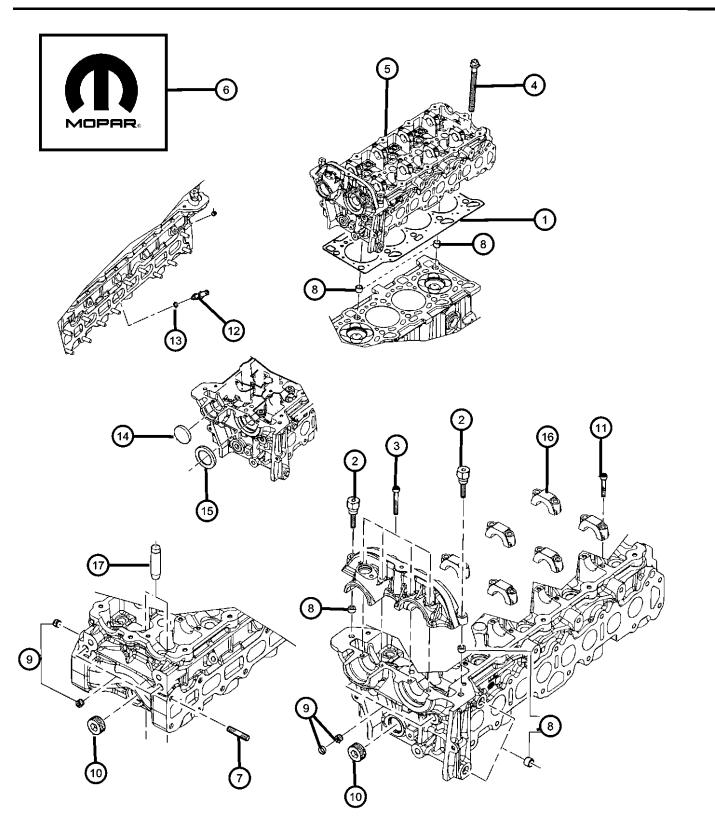
SERIES

BODY

ENGINE

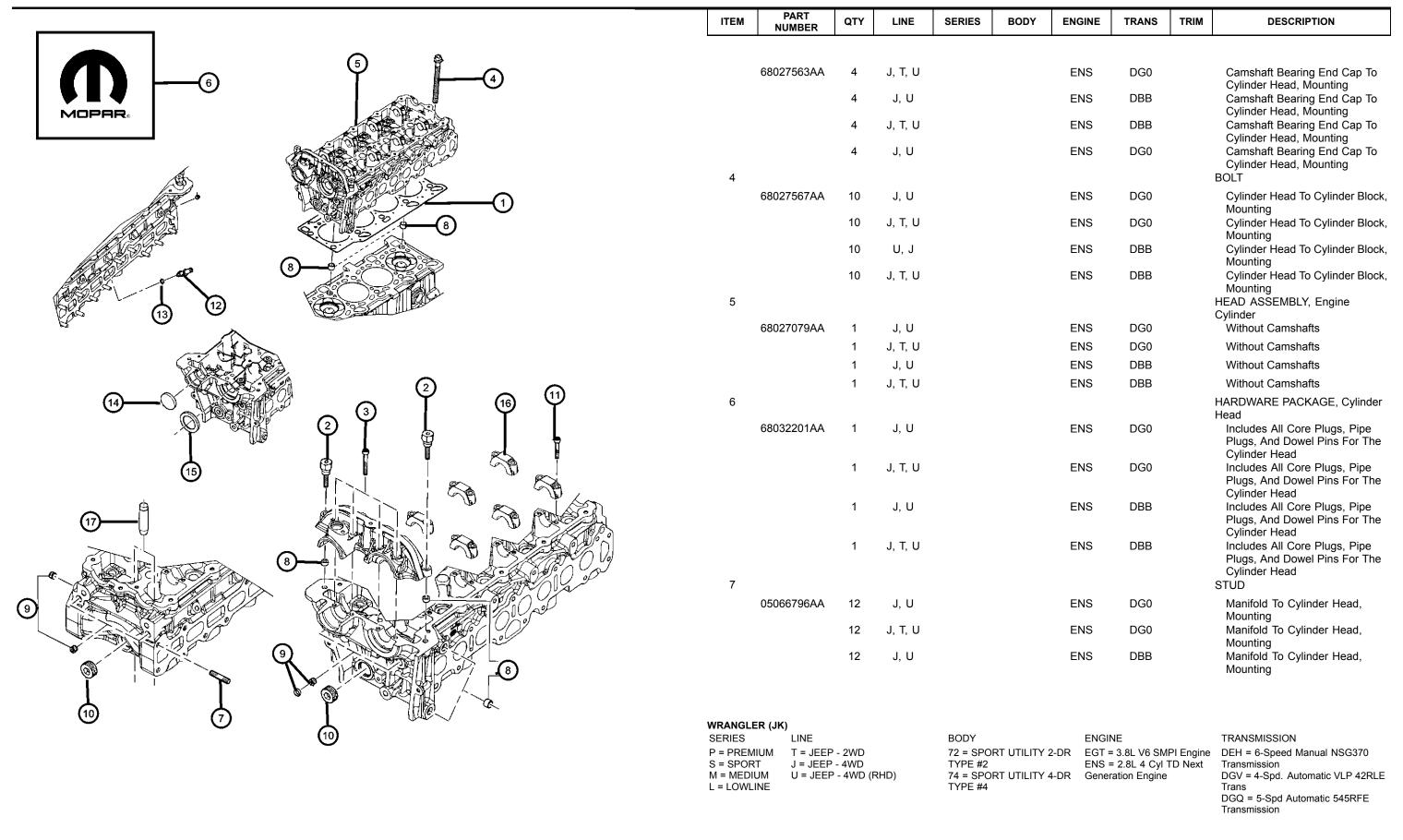
TRANS

TRIM

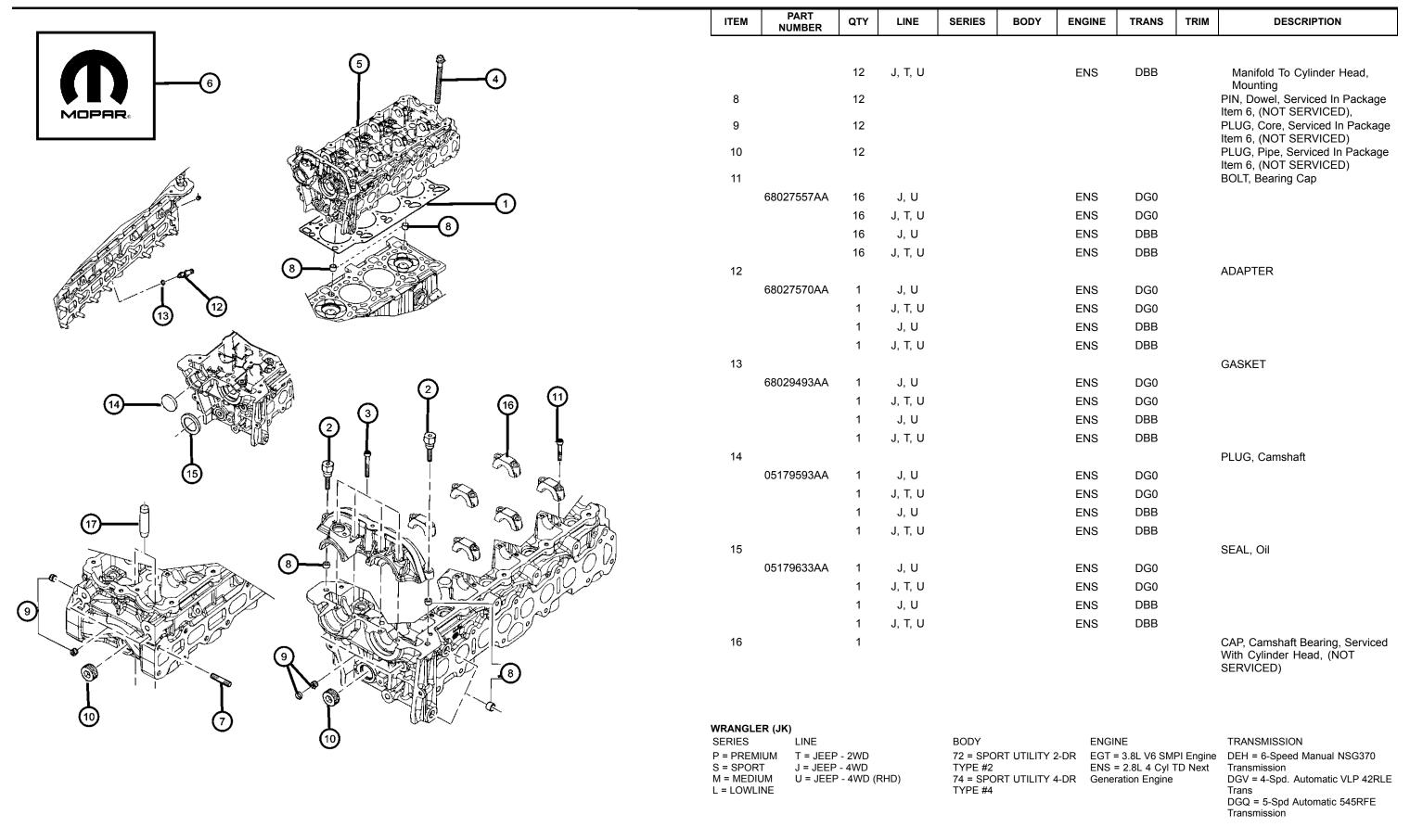


<u> </u>							I	
NOTE:								
Sales Codes:								
[DBB] = All Manual								
[DEH] = 6-Speed M [DGQ] = 5-Speed A								
[DGV] = 4-Speed A	utomatic	VLP 4	12RLE Trans					
DG0] = All Automa				noration II Transfer Coop				
				neration II Transfer Case VG 241 Transfer Case				
EGT] = 3.8L V-6 SI		ne						
EG0] = All V-6 Eng ENS] = 2.8L 4 Cyli		oo Die	sel Next Ger	neration				
EN0] = All Turbo D	iesel Eng		oor rom oo.	ioration				
NAA] = Federal En NAE] = California E								
[NAS] = 50 State E		5						
NA1] = Export Emi		DL	OL SIL					
XEF] = Transfer Ca 1	ase Skid	Plate	Snella					GASKET, Cylinder Head
6803147	75AA	1	J, U		F	NS	DG0	1.10 MM Thickness
0000111	0, 0,	1	J, T, U			NS	DG0	1.10 MM Thickness
		1	J, U			NS	DBB	1.10 MM Thickness
		1	J, T, U			NS	DBB	1.10 MM Thickness
6803147	76AA	1	J, U			NS	DG0	1.20 MM Thickness
0000111	0, 0, 1	1	J, T, U			NS	DG0	1.20 MM Thickness
		1	J, U			NS	DBB	1.20 MM Thickness
		1	J, T, U			NS	DBB	1.20 MM Thickness
6803147	7AA	1	J, U			NS	DG0	1.30 MM Thickness
0000111	,,,,,	1	J, T, U			NS	DG0	1.30 MM Thickness
		1	J, U			NS	DBB	1.30 MM Thickness
		1	J, T, U			NS	DBB	1.30 MM Thickness
2		•	0, 1, 0		_		555	BOLT
6802755	58AA	1	J, U		F	NS	DG0	Camshaft Bearing End Cap To
0002100	,0,0,	•	0, 0		_		200	Cylinder Head, Mounting
		1	J, T, U		Е	NS	DG0	Camshaft Bearing End Cap To Cylinder Head, Mounting
		2	J, U		Е	NS	DBB	Camshaft Bearing End Cap To
								Cylinder Head, Mounting
		2	J, T, U		E	NS	DBB	Camshaft Bearing End Cap To Cylinder Head, Mounting
3								BOLT
VRANGLER (JK)								
SERIES LIN		214/12		BODY	DB	ENGIN		TRANSMISSION
S = SPORT J =	= JEEP - 2 = JEEP - 4	₽WD		72 = SPORT UTILITY 2-I TYPE #2			3.8L V6 SMPI Engine 2.8L 4 Cyl TD Next	DEH = 6-Speed Manual NSG370 Transmission
M = MEDIUM U : _ = LOWLINE	= JEEP - 4	4WD (I	RHD)	74 = SPORT UTILITY 4-I TYPE #4	74 = SPORT UTILITY 4-DR Generation I			DGV = 4-Spd. Automatic VLP 42RLF Trans
- LOVVLINL				. II ∟ π¬				DGQ = 5-Spd Automatic 545RFE
								Transmission

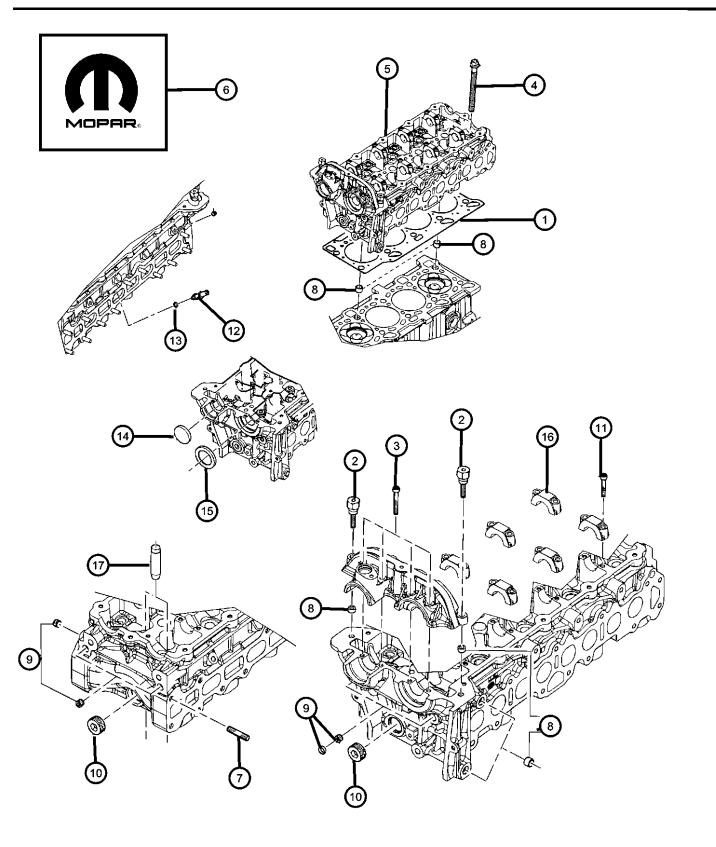
Cylinder Head 2.8L Diesel [ENS] Figure 009ENS-225



Cylinder Head 2.8L Diesel [ENS] Figure 009ENS-225



Cylinder Head 2.8L Diesel [ENS] Figure 009ENS-225



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
17									GUIDE, Intake/Exhaust Valve,
									Standard Size
	05066773AA	16	J, U			ENS	DG0		
		16	J, T, U			ENS	DG0		
		16	J, U			ENS	DBB		
		16	U, J, T			ENS	DBB		

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD U = JEEP - 4WD (RHD) M = MEDIUM L = LOWLINE

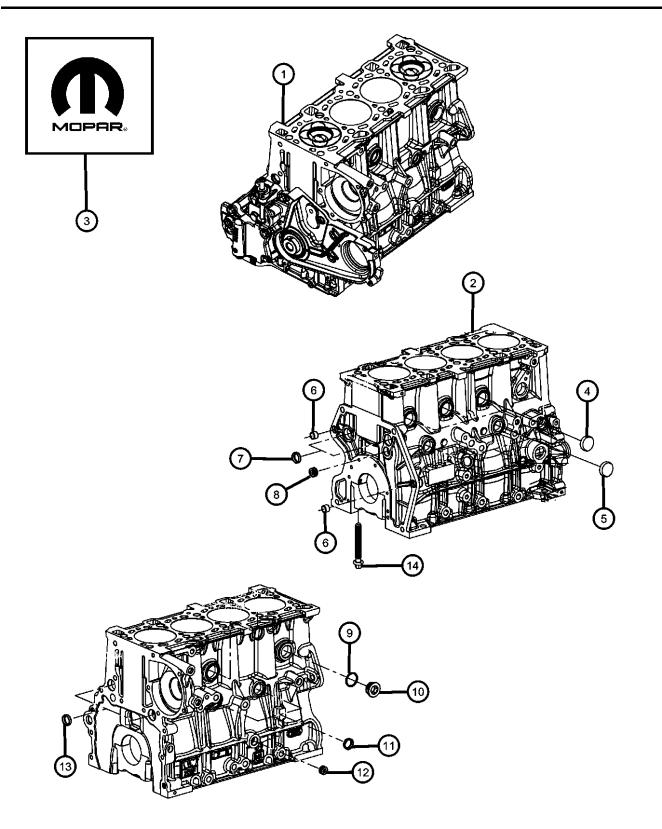
BODY 72 = SPORT UTILITY 2-DR TYPE #2

74 = SPORT UTILITY 4-DR TYPE #4

ENGINE

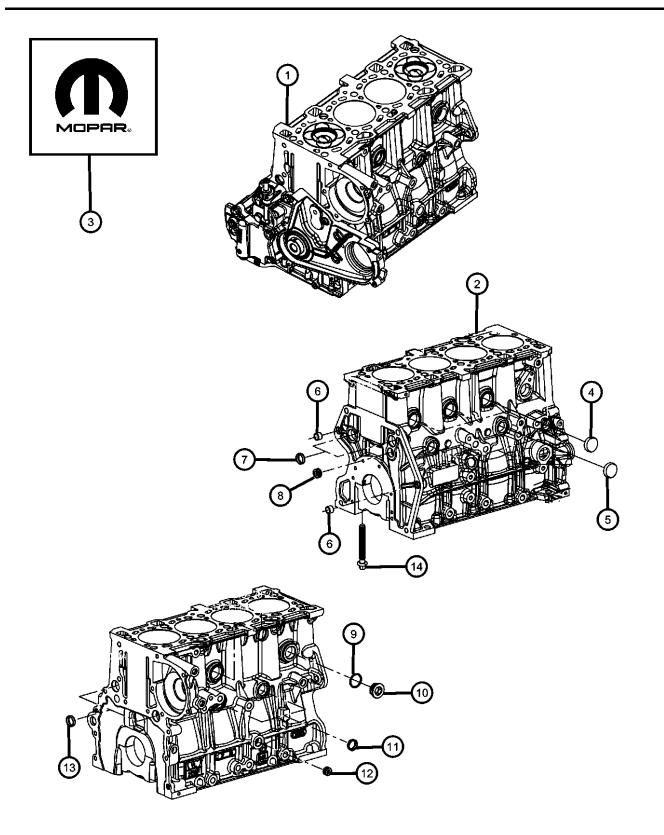
TRANSMISSION EGT = 3.8L V6 SMPI Engine ENS = 2.8L 4 Cyl TD Next Generation Engine DGV = 4-Spd. Automatic VLP 42RLE

Engine Cylinder Block 2.8L Diesel [ENS] Figure 009ENS-305



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
Sales Cod [DBB] = Al [DEH] = 6- [DGQ] = 5 [DGV] = 4- [DGO] = Al [DHE] = M [DHW] = 4 [EGT] = 3. [EGO] = Al [ENS] = 2. [ENO] = Al [NAA] = Fe [NAE] = Ci [NAS] = 50 [NAS] = 50		missions NSG370 tic 545F tic VLP nsmissio The Fly .D. Part ngine urbo Die ingines s ons	S O Transmissi RFE Transmi 42RLE Trans Ons NVG 241 Ge Time 4WD N	ion ssion smission eneration II 1 NVG 241 Tra	Fransfer Case		naft Bearings	, Connec	eting Rod Bearings, Bedplate, Balance
1			- ·- 						ENGINE, Short Block
	68034647AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
2									BLOCK, Cylinder
	68024408AA	1	J, U			ENS	DG0		Bare Cylinder Block
		1	J, T, U			ENS	DG0		Bare Cylinder Block
		1	J, U			ENS	DBB		Bare Cylinder Block
		1	J, T, U			ENS	DBB		Bare Cylinder Block
3									HARDWARE PACKAGE, Block
	68031525AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
4 5		1							PLUG, Core, Serviced In Hardware Package Item 3, (NOT SERVICED) PLUG, Core, Serviced In Hardware
6		1							Package Item 3, (NOT SERVICED) PIN, Dowel, Serviced In Hardware
7		1							Package Item 3, (NOT SERVICED) PLUG, Core, Serviced In Hardware Package Item 3, (NOT SERVICED)
WRANGLE SERIES P = PREMI S = SPORT M = MEDIL L = LOWLII	LINE UM T = JEEP J = JEEP UM U = JEEP	- 4WD	RHD)	TYPE #2	RT UTILITY 2 PRT UTILITY 4	ENS	NE = 3.8L V6 SMI = 2.8L 4 Cyl Tration Engine		TRANSMISSION DEH = 6-Speed Manual NSG370 Transmission DGV = 4-Spd. Automatic VLP 42RLE Trans DGQ = 5-Spd Automatic 545RFE Transmission

Engine Cylinder Block 2.8L Diesel [ENS] Figure 009ENS-305



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
									_
8		1							PLUG, Pipe, Serviced In Hardware Package Item 3, (NOT SERVICED)
9									WASHER
	05142808AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
10									PLUG
	05142610AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
11		1							PLUG, Core, Serviced In Hardware Package Item 3, (NOT SERVICED)
12		1							PLUG, Pipe, Serviced In Hardware Package Item 3, (NOT SERVICED)
13		1							PLUG, Core, Serviced In Hardware Package Item 3, (NOT SERVICED)
14									BOLT, Main Bearing Cap
	68027562AA	10	J, U			ENS	DBB		
		10	T, U, J			ENS	DBB		
		10	J, U			ENS	DG0		
		10	J, T, U			ENS	DG0		

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD J = JEEP - 4WD S = SPORT U = JEEP - 4WD (RHD) M = MEDIUM L = LOWLINE

BODY 74 = SPORT UTILITY 4-DR Generation Engine
TYPE #4

ENGINE

TRANSMISSION 72 = SPORT UTILITY 2-DR EGT = 3.8L V6 SMPI Engine DEH = 6-Speed Manual NSG370 TYPE #2 ENS = 2.8L 4 Cyl TD Next Transmission DGV = 4-Spd. Automatic VLP 42RLE DGQ = 5-Spd Automatic 545RFE Transmission

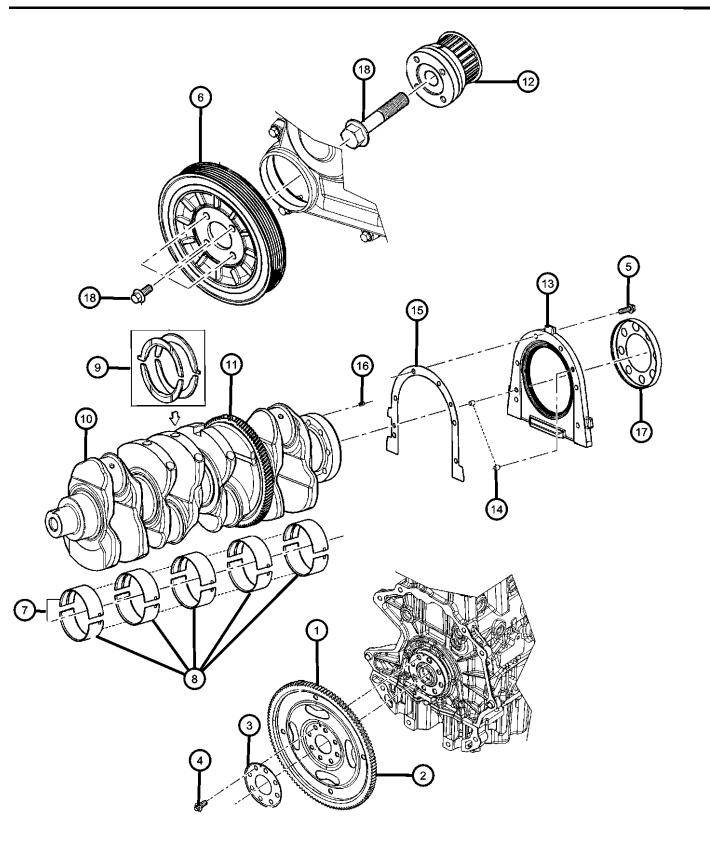
ITEM

LINE

SERIES

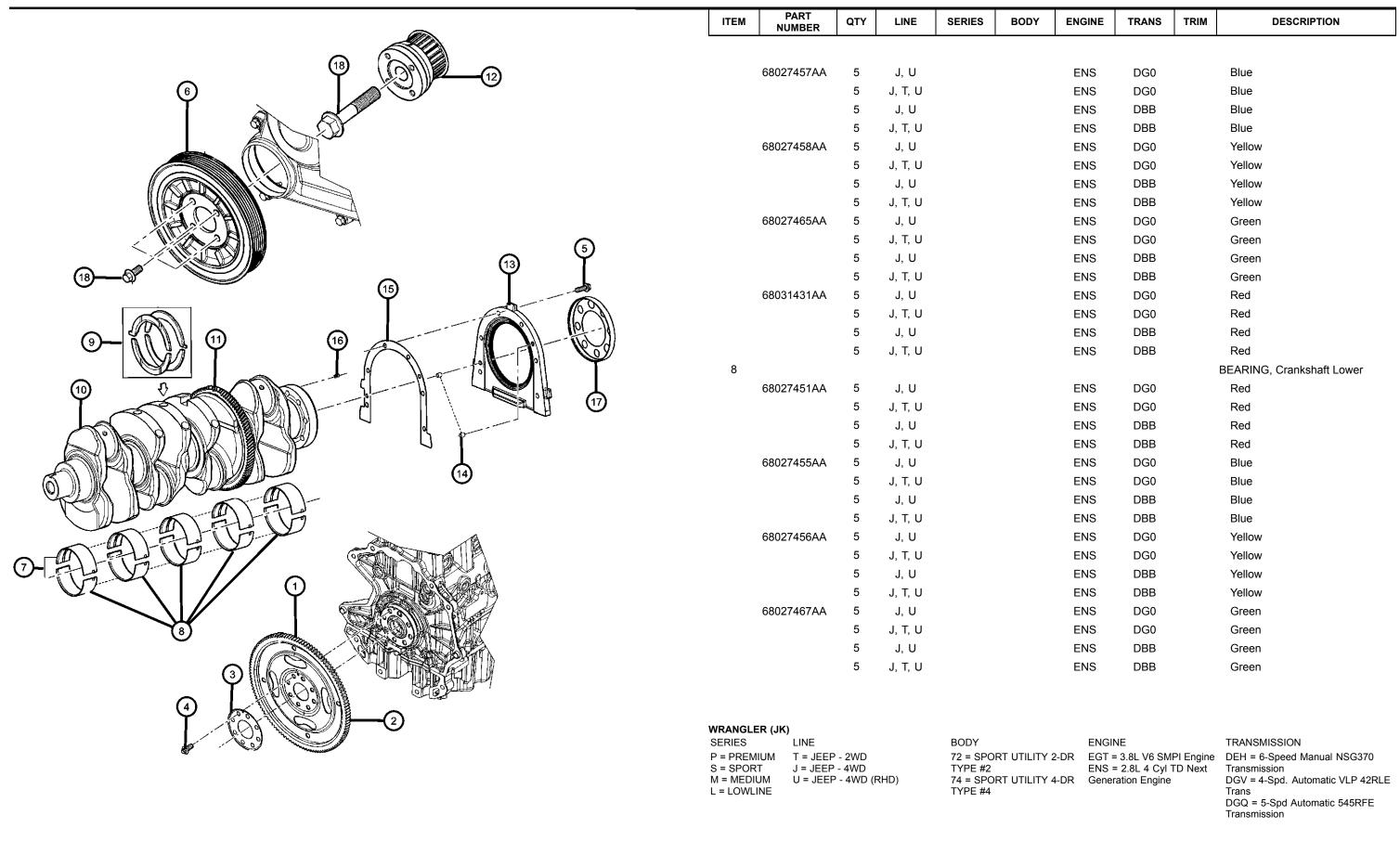
BODY

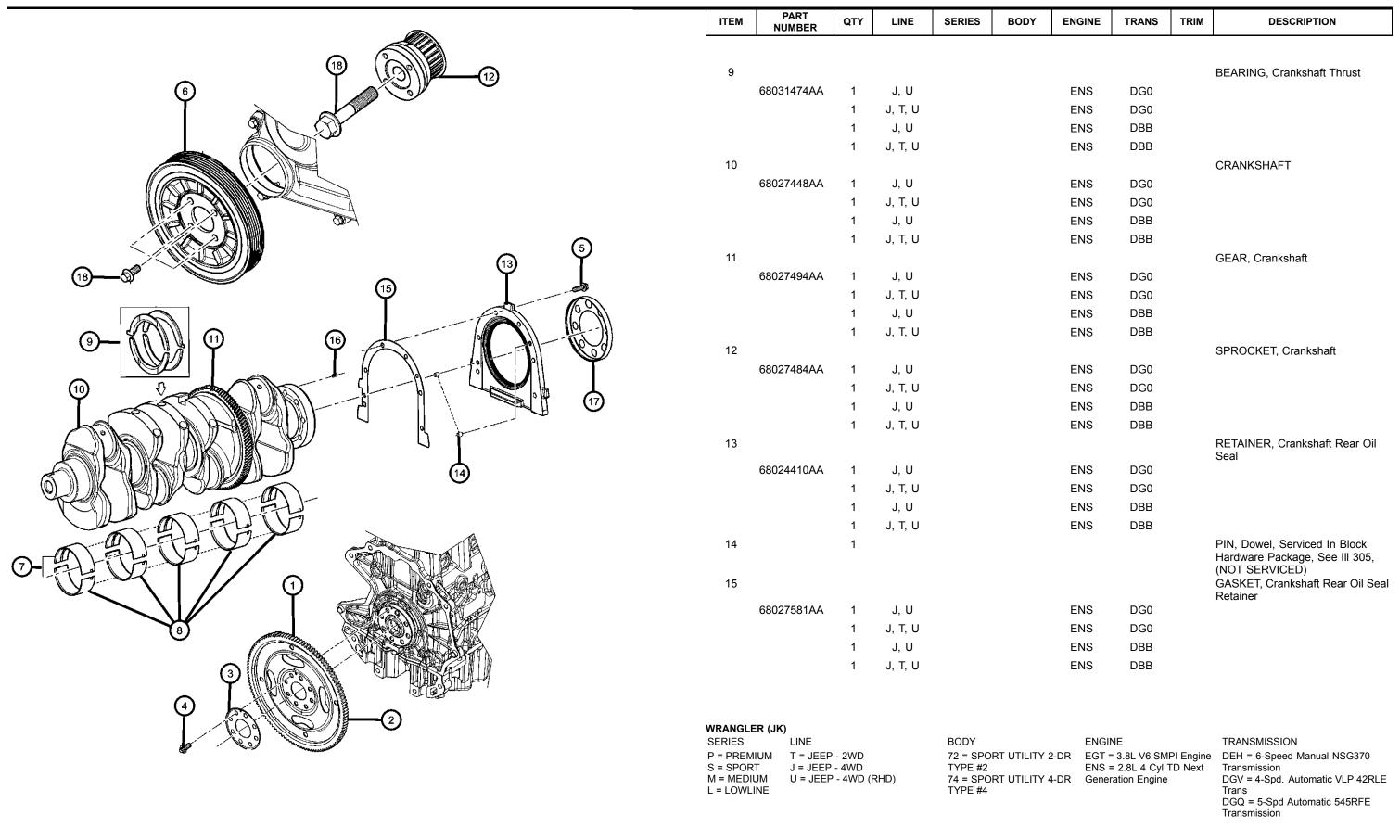
ENGINE

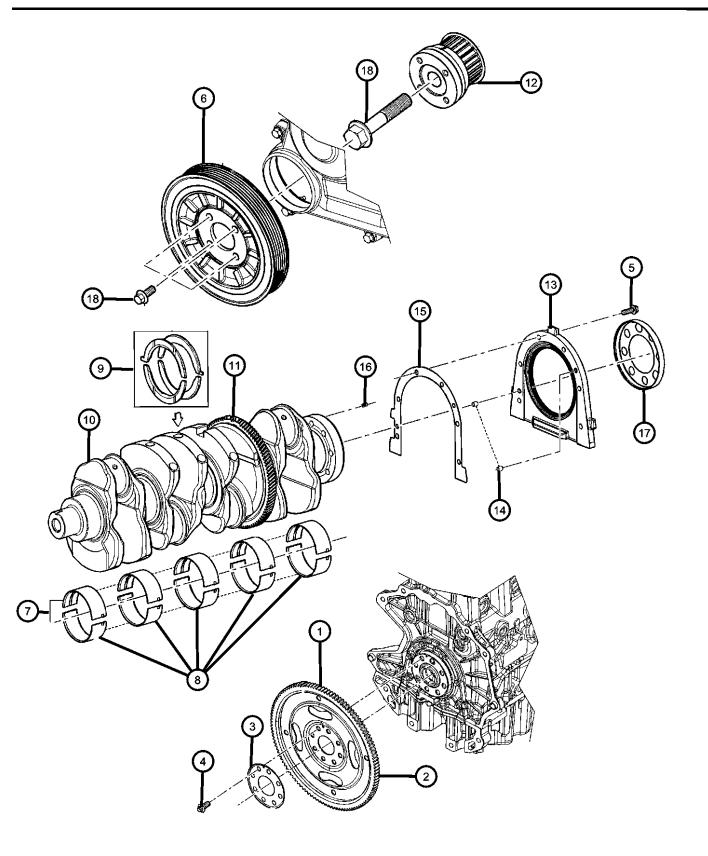


	NUMBER							
NOTE:	- d							
Sales Co	odes: All Manual Transr	nissions	.					
	6-Speed Manual			on				
DGQ] =	5-Speed Automa	tic 545R	RFE Transmi	ssion				
	4-Speed Automat			smission				
	All Automatic Trai Manual Shift On T			neration II	ransfer Case			
[DHW] =	4:1 Rock-Trac H.	D. Part	Time 4WD N	IVG 241 Tra	nsfer Case			
	3.8L V-6 SMPI Er	ngine						
	All V-6 Engines 2.8L 4 Cylinder Tu	urbo Die	sel Next Ge	neration				
EN0] = /	All Turbo Diesel E	ingines						
	Federal Emission							
	California Emission 50 State Emission							
	Export Emissions	.0						
[XEF] =	Transfer Case Ski	id Plate	Sheild					
1								PLATE, Torque Converter Drive
	04736619AA	1	J, U			ENS	DG0	
		1	J, T, U			ENS	DG0	
2								FLYWHEEL
	52104767AA	1	J, U			ENS	DBB	
		1	J, T, U			ENS	DBB	
3		1	0, 1, 0			LIVO	000	PLATE, Flexplate Backing, (NOT
3		'						SERVICED)
4		1						BOLT, Flexplate, (NOT SERVICEI
5								BOLT
	68027631AA	6	J, U			ENS	DG0	Retainer To Cylinder Block,
								Mounting
		6	J, T, U			ENS	DG0	Retainer To Cylinder Block, Mounting
		6	J, U			ENS	DBB	Retainer To Cylinder Block,
		•	0, 0					Mounting
		6	J, T, U			ENS	DBB	Retainer To Cylinder Block,
6								Mounting DAMPER, Crankshaft
Ü	68027598AA	1	J, U			ENS	DG0	Drivin Erk, Granikonak
	00027030701	1	J, T, U			ENS	DG0	
		1	J, U			ENS	DBB	
		1	J, T, U			ENS	DBB	
								BEARING, Crankshaft Upper
7								
7								
7								
	.ER (JK)							
WRANGL SERIES	LINE			BODY		ENG		TRANSMISSION
WRANGL SERIES P = PREI	LINE MIUM T = JEEP			72 = SPO	RT UTILITY 2-	DR EGT	= 3.8L V6 SMF	DEH = 6-Speed Manual NSG370
WRANGL SERIES	LINE MIUM T = JEEP RT J = JEEP	- 4WD	RHD)	72 = SPO TYPE #2	RT UTILITY 2- RT UTILITY 4-	DR EGT ENS		DEH = 6-Speed Manual NSG370 Transmission
WRANGL SERIES P = PREI S = SPOI	LINE MIUM T = JEEP RT J = JEEP DIUM U = JEEP	- 4WD	RHD)	72 = SPO TYPE #2		DR EGT ENS	= 3.8L V6 SMF = 2.8L 4 Cyl T	DEH = 6-Speed Manual NSG370

TRANS TRIM







ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
16									DOWEL PIN
	68029498AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
17									RELUCTOR WHEEL, Crankshaft
	68027485AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
18									BOLT
	68027566AA	1	J, U			ENS	DG0		Crankshaft Sprocket To Crankshaft, Mounting
		1	J, T, U			ENS	DG0		Crankshaft Sprocket To Crankshaft, Mounting
		1	J, U			ENS	DBB		Crankshaft Sprocket To Crankshaft, Mounting
		1	J, T, U			ENS	DBB		Crankshaft Sprocket To Crankshaft, Mounting
	68029480AA	12	J, U			ENS	DG0		Damper To Crankshaft, Mounting
		12	J, T, U			ENS	DG0		Damper To Crankshaft, Mounting
		12	J, U			ENS	DBB		Damper To Crankshaft, Mounting
		12	J, T, U			ENS	DBB		Damper To Crankshaft, Mounting

WRANGLER (JK)

L = LOWLINE

SERIES P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD U = JEEP - 4WD (RHD) M = MEDIUM

72 = SPORT UTILITY 2-DR TYPE #2 74 = SPORT UTILITY 4-DR TYPE #4

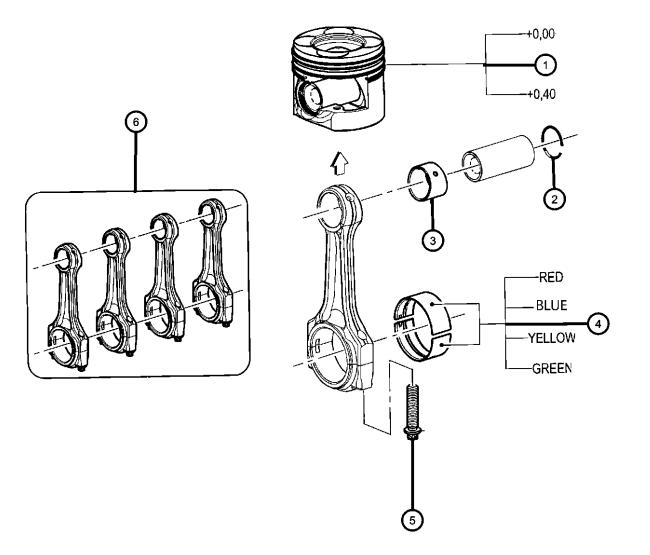
BODY

ENGINE

TRANSMISSION EGT = 3.8L V6 SMPI Engine
ENS = 2.8L 4 Cyl TD Next
Generation Engine

DEH = 6-Speed Manual NSG370
Transmission
DGV = 4-Spd. Automatic VLP 42RLE DGQ = 5-Spd Automatic 545RFE Transmission

ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION



NOTE: For Information On Conne Sales Codes: [DBB] = All Manual Transi [DEH] = 6-Speed Manual [DGQ] = 5-Speed Automa [DGV] = 4-Speed Automa [DGO] = All Automatic Tra [DHE] = Manual Shift On [DHW] = 4:1 Rock-Trac H [EGT] = 3.8L V-6 SMPI Er [EGO] = All V-6 Engines [ENS] = 2.8L 4 Cylinder T [ENO] = All Turbo Diesel E [NAA] = Federal Emission [NAE] = California Emission [NAS] = 50 State Emissions [XEF] = Transfer Case Sk	missions NSG37/ tic 545F tic VLP nsmission The Fly D. Part ngine urbo Die ingines s ons	S O Transmission RFE Transmission 42RLE Transmissio ons NVG 241 Generatio Time 4WD NVG 24	n on II Transfer Case 1 Transfer Case	ervice Ma	anual.	
1						PISTON, ENGINE
68029435AA	4	J, T, U		ENS	DBB	[+0.00], Standard
	4	J, U		ENS	DG0	[+0.00], Standard
	4	J, T, U		ENS	DG0	[+0.00], Standard
	4	J, U		ENS	DBB	[+0.00], Standard
68031441AA	4	J, U		ENS	DG0	[+0.40]
	4	J, T, U		ENS	DG0	[+0.40]
	4	J, U		ENS	DBB	[+0.40]
	4	J, T, U		ENS	DBB	[+0.40]
2						RING, Piston Pin
05140392AA	8	J, U		ENS	DG0	
	8	J, T, U		ENS	DG0	
	8	J, U		ENS	DBB	
	8	U, J, T		ENS	DBB	
3						BUSHING, Connecting Rod
68020547AA	4	J, U		ENS	DG0	
	4	J, T, U		ENS	DG0	
	4	J, U		ENS	DBB	
	4	J, T, U		ENS	DBB	
4						BEARING, Connecting Rod, STD. See Note
WPANOLER (UC)						

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD M = MEDIUM L = LOWLINE

U = JEEP - 4WD (RHD)

BODY

ENGINE

TRANSMISSION

TYPE #4

TRANSMISSION

1 RANSMISSION

1 RANSMISSION

DEH = 6-Speed Manual NSG370

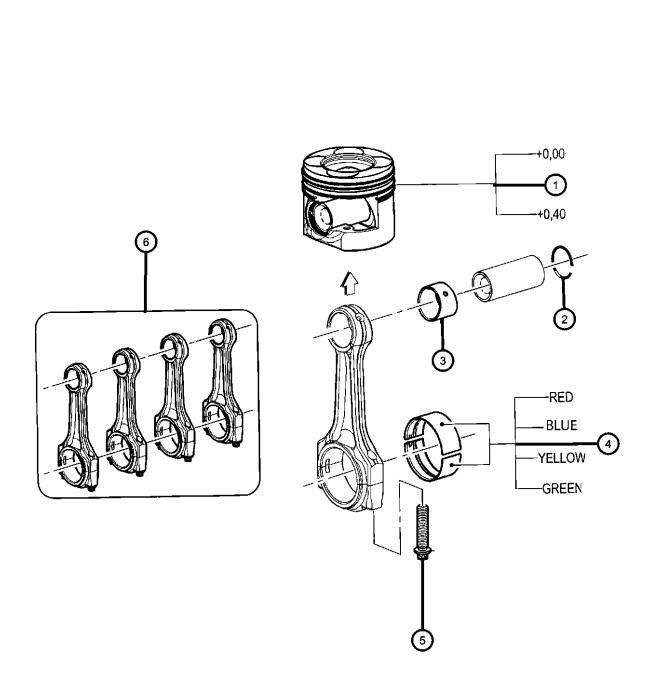
Transmission

Transmission

DGV = 4-Spd. Automatic VLP 42RLE

Trans DGQ = 5-Spd Automatic 545RFE Transmission

Pistons, Rings, Connecting Rods 2.8L Diesel [ENS] Figure 009ENS-425



TEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
	68027461AA	4	J, U			ENS	DG0		Red
		4	J, T, U			ENS	DG0		Red
		4	J, U			ENS	DBB		Red
		4	J, T, U			ENS	DBB		Red
	68027463AA	4	J, U			ENS	DG0		Blue
		4	J, T, U			ENS	DG0		Blue
		4	J, U			ENS	DBB		Blue
		4	J, T, U			ENS	DBB		Blue
	68027464AA	4	J, U			ENS	DG0		Yellow
		4	U, J, T			ENS	DG0		Yellow
		4	J, U			ENS	DBB		Yellow
		4	J, T, U			ENS	DBB		Yellow
	68027468AA	4	J, U			ENS	DG0		Green
		4	J, T, U			ENS	DG0		Green
		4	J, U			ENS	DBB		Green
		4	J, T, U			ENS	DBB		Green
5									BOLT, Connecting Rod
	05093889AA	8	J, U			ENS	DG0		
		8	J, T, U			ENS	DG0		
		8	J, U			ENS	DBB		
		8	J, T, U			ENS	DBB		
6									ROD KIT, Connecting
	68020529AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD

M = MEDIUM U = JEEP - 4WD (RHD) L = LOWLINE

BODY

ENGINE

TRANSMISSION TYPE #4

TRANSMISSION

1 RANSMISSION

1 RANSMISSION

DEH = 6-Speed Manual NSG370

Transmission

Transmission

DGV = 4-Spd. Automatic VLP 42RLE

Trans

Camshafts & Valvetrain 2.8L Diesel [ENS] Figure 009ENS-505

ITEM

PART NUMBER

QTY

LINE

SERIES

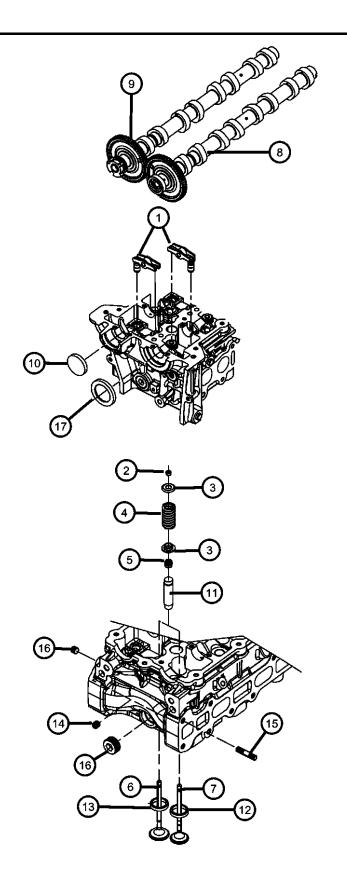
BODY

ENGINE

TRANS

TRIM

DESCRIPTION



[DEH] = [DGQ] = [DGV] = [DG0] = [DHE] = [DHW] = [EGT] =	odes: All Manual Transr 6-Speed Manual 5-Speed Automa 4-Speed Automatic Tran Manual Shift On 1 4:1 Rock-Trac H. 3.8L V-6 SMPI Er All V-6 Engines	NSG370 tic 545R tic VLP 4 nsmissic The Fly I D. Part) Transmission FE Transmis FE Trans FE Trans FE Trans FE Transmission FE Trans	ssion smission eneration II				
[ENS] = : [EN0] = : [NAA] = [NAE] = : [NAS] = : [NA1] = I	2.8L 4 Cylinder Tu All Turbo Diesel E Federal Emission California Emissio 50 State Emissions Export Emissions Transfer Case Ski	ingines s ons ns		neration				
1								ARM, Rocker
	68027600AA	16	J, U			ENS	DG0	
		16	J, T, U			ENS	DG0	
		16	J, U			ENS	DBB	
		16	J, T, U			ENS	DBB	
2								LOCK, Valve Spring Retainer
	05066778AA	32	J, U			ENS	DG0	
		32	J, T, U			ENS	DG0	
		32	J, U			ENS	DBB	
		32	J, T, U			ENS	DBB	
3								RETAINER, Valve Spring
	05093891AA	16	J, U			ENS	DG0	Lower
		16	J, T, U			ENS	DG0	Lower
		16	J, U			ENS	DBB	Lower
		16	J, T, U			ENS	DBB	Lower
	05093892AA	16	J, U			ENS	DG0	Upper
		16	J, T, U			ENS	DG0	Upper
		16	J, U			ENS	DBB	Upper
		16	J, T, U			ENS	DBB	Upper
4								SPRING, Valve
	68027472AA	16	J, U			ENS	DG0	
WRANGL				DOT!		- 1.5.	N.E.	TRANSMISSION
SERIES P = PREI	LINE MIUM T = JEEP	2///		BODY	ORT UTILITY 2-D	ENGI	NE = 3.8L V6 SMPI Engine	TRANSMISSION DEH = 6-Speed Manual NSG3
S = SPOI M = MED	RT J = JEEP	- 4WD	RHD)	TYPE #2	ORT UTILITY 4-D	ENS	= 2.8L 4 Cyl TD Next	Transmission DGV = 4-Spd. Automatic VLP

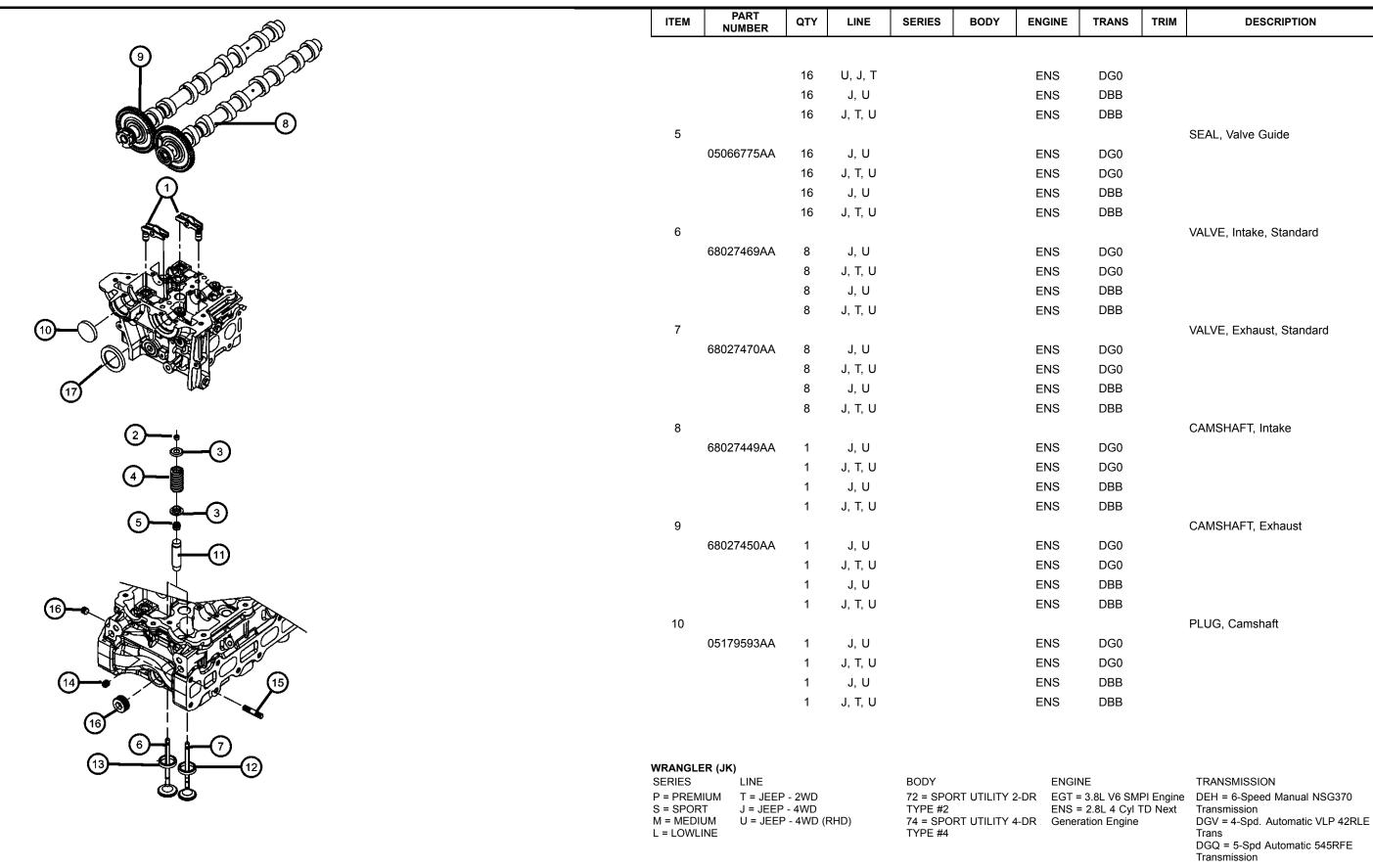
74 = SPORT UTILITY 4-DR Generation Engine

TYPE #4

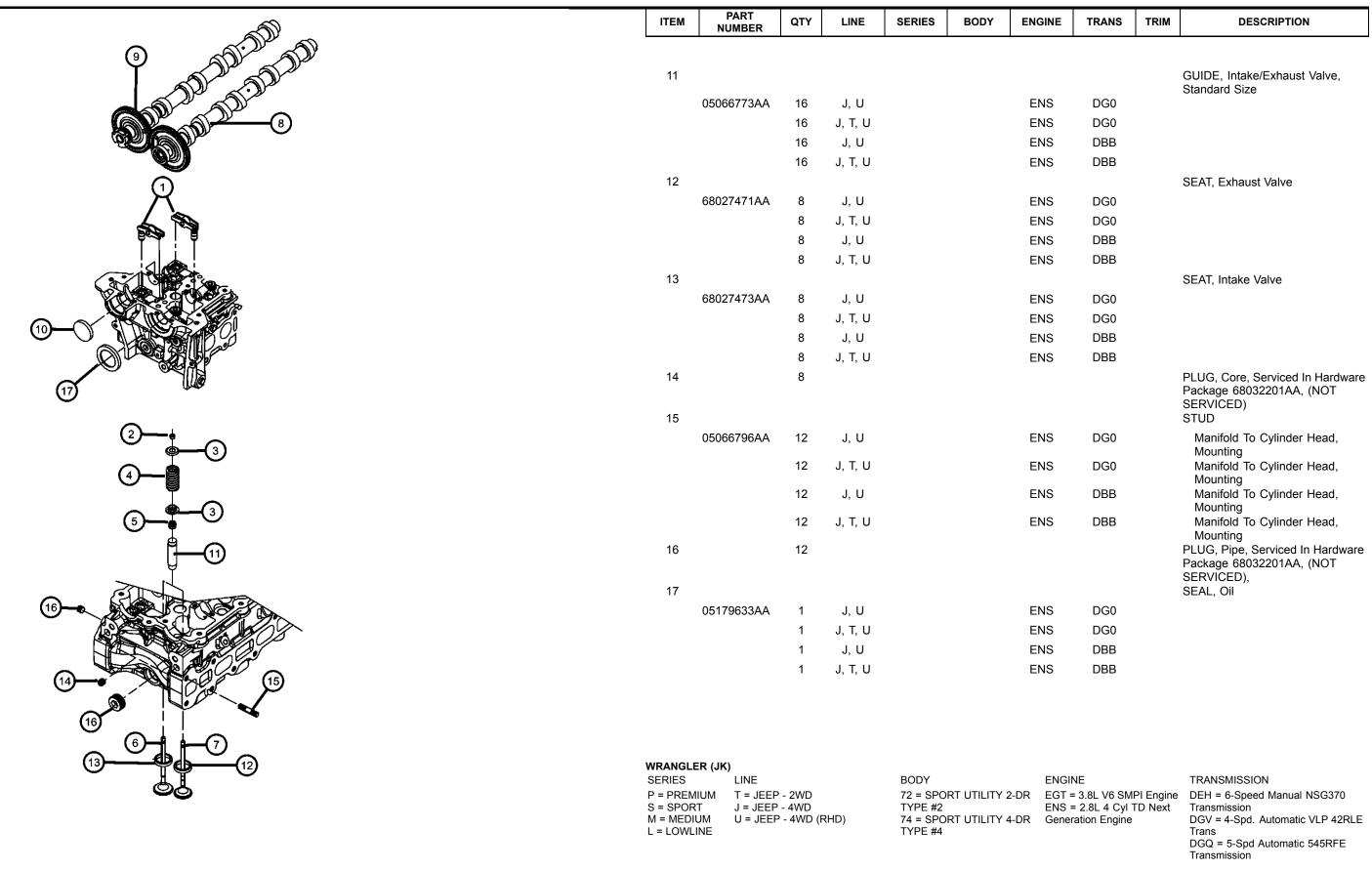
U = JEEP - 4WD (RHD)

M = MEDIUM L = LOWLINE DGV = 4-Spd. Automatic VLP 42RLE

Camshafts & Valvetrain 2.8L Diesel [ENS] Figure 009ENS-505



Camshafts & Valvetrain 2.8L Diesel [ENS] Figure 009ENS-505



Timing Case Covers 2.8L Diesel [ENS] Figure 009ENS-605

ITEM

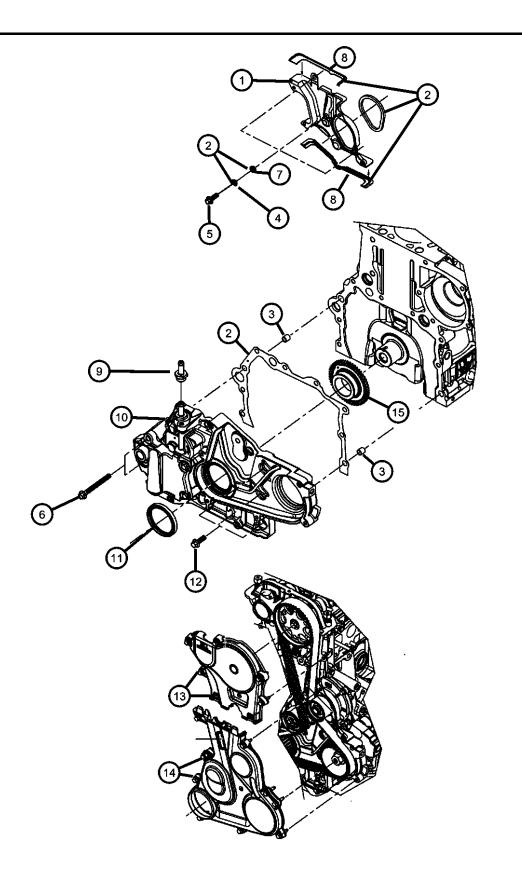
PART NUMBER

LINE

QTY

SERIES

BODY



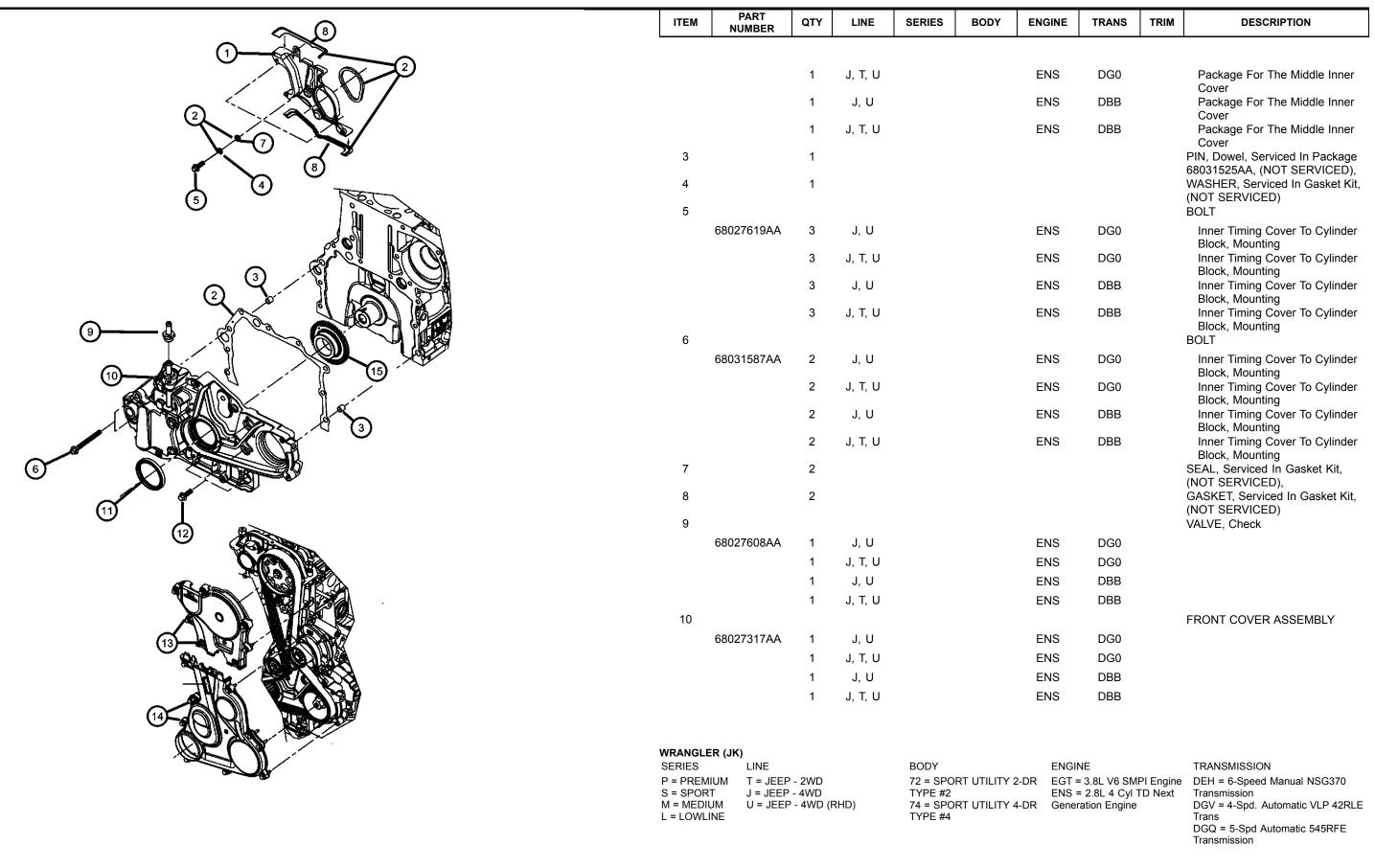
[DHW] = 4:1 Rock-Ti [EGT] = 3.8L V-6 SM [EG0] = All V-6 Engir [ENS] = 2.8L 4 Cylin [EN0] = All Turbo Die [NAA] = Federal Emi	anual NSC utomatic 5 ic Transm ft On The rac H.D. F MPI Engine nes der Turbo esel Engir issions	6370 Transmissio 45RFE Transmiss 7LP 42RLE Transmissions Fly NVG 241 Ger Part Time 4WD N e Diesel Next Gen	sion mission neration II Transfer Case VG 241 Transfer Case			
[NAE] = California Er [NAS] = 50 State Em						
[NA1] = Export Emis	sions	Lata Obastid				
[XEF] = Transfer Cas	se Skid Pi	late Shelld				COVED Timing Coop
1 68027077	7	1 J, U		ENS	DG0	COVER, Timing Case Middle Inner
00027077		1 J, T, U		ENS	DG0	Middle Inner
		1 J, U		ENS	DBB	Middle Inner
		1 J, T, U		ENS	DBB	Middle Inner
68027447		1 J, U		ENS	DG0	Outer Lower
00021441		1 J, T, U		ENS	DG0	Outer Lower
		1 J, U		ENS	DBB	Outer Lower
		1 J, T, U		ENS	DBB	Outer Lower
68027452		1 J, U		ENS	DG0	Outer Upper
00021 402		1 J, T, U		ENS	DG0	Outer Upper
		1 J, U		ENS	DBB	Outer Upper
		1 J, T, U		ENS	DBB	Outer Upper
2		0, 1, 0		LINO		GASKET, Timing Case Cover
68027582	2AA -	1 J, U		ENS	DG0	Single Gasket For Lower Inner
		1 J, T, U		ENS	DG0	Cover Single Gasket For Lower Inner
		1 J, U		ENS	DBB	Cover Single Gasket For Lower Inner
		1 J, T, U		ENS	DBB	Cover Single Gasket For Lower Inner
68032198	BAA '	1 J, U		ENS	DG0	Cover Package For The Middle Inner Cover
S = SPORT J =	E JEEP - 2V JEEP - 4V JEEP - 4V	/D	BODY 72 = SPORT UTILITY 2-DR TYPE #2 74 = SPORT UTILITY 4-DR TYPE #4	ENS =	E 3.8L V6 SMPI Engine 2.8L 4 Cyl TD Next tion Engine	TRANSMISSION DEH = 6-Speed Manual NSG370 Transmission DGV = 4-Spd. Automatic VLP 42RLE Trans DGQ = 5-Spd Automatic 545RFE Transmission

ENGINE

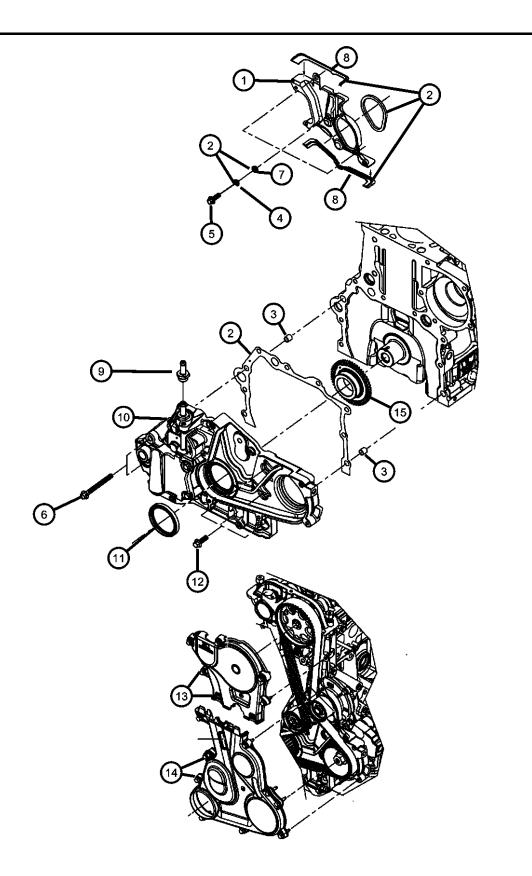
TRANS

TRIM

Timing Case Covers 2.8L Diesel [ENS] Figure 009ENS-605



Timing Case Covers 2.8L Diesel [ENS] Figure 009ENS-605



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
11									SEAL, Oil
	68029523AA	1	J, U			ENS	DG0		Front, Crankshaft
		1	J, T, U			ENS	DG0		Front, Crankshaft
		1	J, U			ENS	DBB		Front, Crankshaft
		1	J, T, U			ENS	DBB		Front, Crankshaft
12									BOLT, Hex Head
	04864534AA	9	J, U			ENS	DG0		Inner Timing Cover To Cylinder Block, Mounting
		9	J, T, U			ENS	DG0		Inner Timing Cover To Cylinder Block, Mounting
		9	J, U			ENS	DBB		Inner Timing Cover To Cylinder Block, Mounting
		9	U, J, T			ENS	DBB		Inner Timing Cover To Cylinder Block, Mounting
13		9							BOLT, Serviced With Cover, (NOT SERVICED),
14		9							BOLT, Serviced With Cover, (NOT SERVICED)
15									GEAR, Oil Pump Drive
	68027486AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD J = JEEP - 4WD S = SPORT M = MEDIUM U = JEEP - 4WD (RHD) L = LOWLINE

BODY

ENGINE

TRANSMISSION TYPE #4

TRANSMISSION

1 RANSMISSION

12 = SPORT UTILITY 2-DR
EGT = 3.8L V6 SMPI Engine
ENS = 2.8L 4 Cyl TD Next
Transmission
Transmission
DGV = 4-Spd. Automatic VLP 42RLE
Trans DGQ = 5-Spd Automatic 545RFE Transmission

Timing System 2.8L Diesel [ENS] Figure 009ENS-625

ITEM

PART NUMBER

QTY

LINE

SERIES

BODY

ENGINE

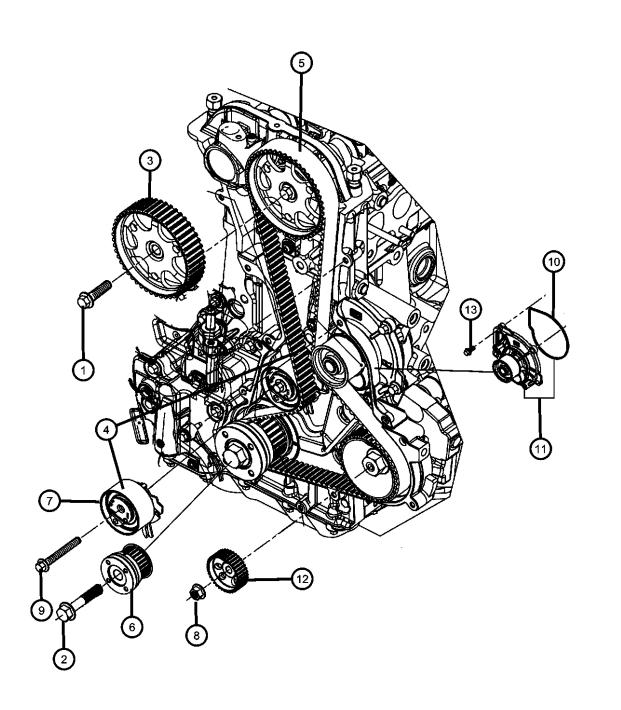
TRANS

TRIM

9 2 8

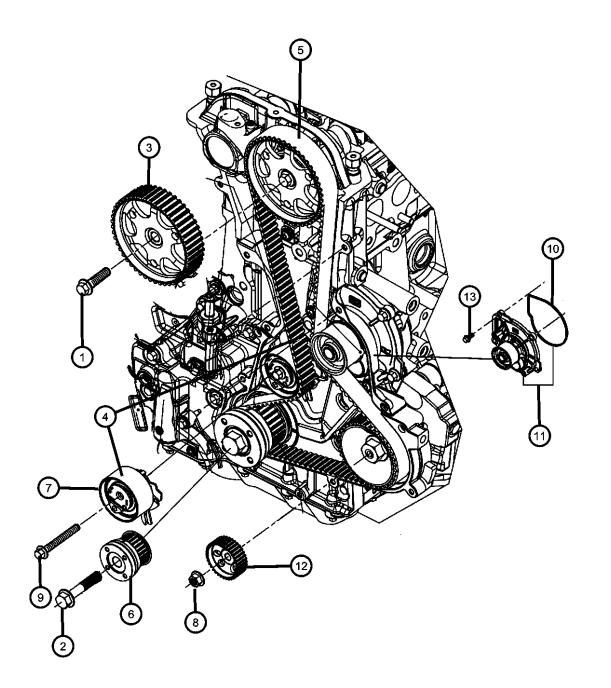
[DEH] = 6 [DGQ] = 5 [DGV] = 4 [DGO] = A [DHE] = N [DHW] = 4 [EGT] = 3 [EGO] = A [ENS] = 2 [ENO] = A [NAA] = F [NAE] = C [NAS] = 5 [NA1] = E	All Manual Transm S-Speed Manual N S-Speed Automat I-Speed Automati All Automatic Tran Manual Shift On T	NSG370 ic 545R ic VLP 4 ismissic The Fly I D. Part gine urbo Die ngines ns s	FE Transmis I2RLE Trans ns IVG 241 Ger Time 4WD N	sion mission neration II Transfer Case VG 241 Transfer Case			
1							BOLT
	68029490AA	2	J, U		ENS	DG0	Camshaft Sprocket To Camshaft, Mounting
		2	J, T, U		ENS	DG0	Camshaft Sprocket To Camshaft,
		2	J, U		ENS	DBB	Mounting Camshaft Sprocket To Camshaft,
		2	J, T, U		ENS	DBB	Mounting Camshaft Sprocket To Camshaft, Mounting
2	0000750044	4			ENIC		BOLT
	68027566AA	1	J, U		ENS	DG0	Crankshaft Sprocket To Crankshaft, Mounting
		1	J, T, U		ENS	DG0	Crankshaft Sprocket To Crankshaft, Mounting
		1	J, U		ENS	DBB	Crankshaft Sprocket To
		1	J, T, U		ENS	DBB	Crankshaft, Mounting Crankshaft Sprocket To Crankshaft, Mounting
3	0000740044				ENIO	D00	SPROCKET, Camshaft
	68027482AA	1 1	J, U J, T, U		ENS ENS	DG0 DG0	
		1	J, I, U J, U		ENS	DBB	
		1	J, T, U		ENS	DBB	
4		•	0, 1, 0		_,,,		BELT KIT, Timing
•	68031478AA	1	J, U		ENS	DG0	····, ······· ·
		1	J, T, U		ENS	DG0	
WRANGLE SERIES P = PREM S = SPOR M = MEDI L = LOWL	LINE IIUM T = JEEP - RT J = JEEP - UM U = JEEP	- 4WD	RHD)	BODY 72 = SPORT UTILITY 2-D TYPE #2 74 = SPORT UTILITY 4-D TYPE #4	ENS =	NE = 3.8L V6 SMPI Engine = 2.8L 4 Cyl TD Next ration Engine	TRANSMISSION DEH = 6-Speed Manual NSG370 Transmission DGV = 4-Spd. Automatic VLP 42RLE Trans DGQ = 5-Spd Automatic 545RFE Transmission

Timing System 2.8L Diesel [ENS] Figure 009ENS-625



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
_									
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
5									BELT, Timing
	68029524AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
6									SPROCKET, Crankshaft
	68027484AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
7 8		1							TENSIONER, Belt, Serviced In Timing Belt Kit, (NOT SERVICED) NUT
	68032208AA	1	J, U			ENS	DG0		Injection Pump Gear, Mounting
		1	J, T, U			ENS	DG0		Injection Pump Gear, Mounting
		1	J, U			ENS	DBB		Injection Pump Gear, Mounting
		1	J, T, U			ENS	DBB		Injection Pump Gear, Mounting
9									BOLT
	68029484AA	1	J, U			ENS	DG0		Tensioner To Cylinder Block, Mounting
		1	J, T, U			ENS	DG0		Tensioner To Cylinder Block, Mounting
		1	J, U			ENS	DBB		Tensioner To Cylinder Block, Mounting
10		1	J, T, U			ENS	DBB		Tensioner To Cylinder Block, Mounting GASKET
.0	68027589AA	1	J, U			ENS	DG0		Water Pump
		1	J, T, U			ENS	DG0		Water Pump
		1	J, U			ENS	DBB		Water Pump
		1	J, T, U			ENS	DBB		Water Pump
11			, ,						PUMP, Water
	68027359AA	1	J, U			ENS	DG0		•
		1	J, T, U			ENS	DG0		
WRANGLE SERIES P = PREM S = SPOR M = MEDI L = LOWL	LINE IIUM T = JEEP TT J = JEEP UM U = JEEP	RHD)	TYPE #2	RT UTILITY 2- RT UTILITY 4-	DR EG	GINE T = 3.8L V6 SMI S = 2.8L 4 Cyl T neration Engine		TRANSMISSION DEH = 6-Speed Manual NSG370 Transmission DGV = 4-Spd. Automatic VLP 42RLE Trans DGQ = 5-Spd Automatic 545RFE Transmission	

Timing System 2.8L Diesel [ENS] Figure 009ENS-625



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
12									GEAR, Injection Pump
	68027483AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
13									BOLT
	68029480AA	12	J, U			ENS	DG0		Water Pump To Cylinder Block, Mounting
		12	J, T, U			ENS	DG0		Water Pump To Cylinder Block, Mounting
		12	J, U			ENS	DBB		Water Pump To Cylinder Block, Mounting
		12	J, T, U			ENS	DBB		Water Pump To Cylinder Block, Mounting

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD J = JEEP - 4WD S = SPORT U = JEEP - 4WD (RHD) M = MEDIUM L = LOWLINE

72 = SPORT UTILITY 2-DR TYPE #2 74 = SPORT UTILITY 4-DR Generation Engine
TYPE #4

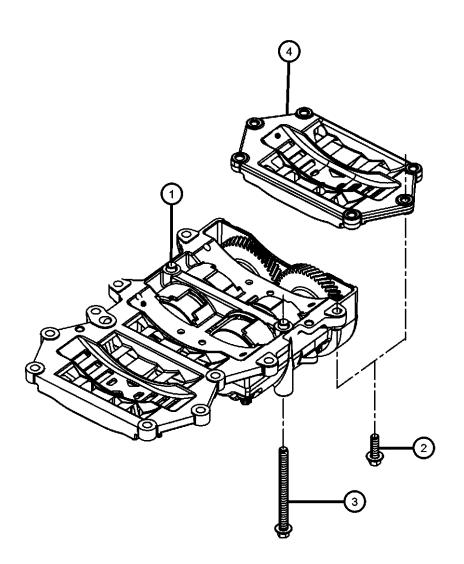
BODY

ENGINE

TRANSMISSION EGT = 3.8L V6 SMPI Engine DEH = 6-Speed Manual NSG370 ENS = 2.8L 4 Cyl TD Next Transmission Transmission
DGV = 4-Spd. Automatic VLP 42RLE

NOTE: Sales Codes:

	ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
--	------	----------------	-----	------	--------	------	--------	-------	------	-------------



[DEH] = [DGQ] = [DGV] = [DG0] = [DHE] = [DHW] = [EGT] = [EG0] = [ENS]	[DBB] = All Manual Transmissions [DEH] = 6-Speed Manual NSG370 Transmission [DGQ] = 5-Speed Automatic 545RFE Transmission [DGV] = 4-Speed Automatic VLP 42RLE Transmission [DG0] = All Automatic Transmissions [DHE] = Manual Shift On The Fly NVG 241 Generation II Transfer Case [DHW] = 4:1 Rock-Trac H.D. Part Time 4WD NVG 241 Transfer Case [EGT] = 3.8L V-6 SMPI Engine [EG0] = All V-6 Engines [ENS] = 2.8L 4 Cylinder Turbo Diesel Next Generation												
	[EN0] = All Turbo Diesel Engines [NAA] = Federal Emissions												
[NAE] =	[NAE] = California Emissions												
[NAS] = 50 State Emissions [NA1] = Export Emissions													
	Transfer Case Ski	d Plate	Sheild										
1							SHAFT, Balance						
	68034991AA	1	J, U		ENS	DG0							
		1	J, T, U		ENS	DG0							
		1	J, U		ENS	DBB							
		1	J, T, U		ENS	DBB							
2							BOLT						
	68029481AA	16	J, U		ENS	DG0							
		16	J, T, U		ENS	DG0							
		16	J, U		ENS	DBB							
		16	J, T, U		ENS	DBB							
3							BOLT						
	68029486AA	2	J, U		ENS	DG0							
		2	J, T, U		ENS	DG0							
		2	J, U		ENS	DBB							
		2	J, T, U		ENS	DBB							
4							TRAY, Windage						
	68027475AA	1	U, J		ENS	DG0							
		1	J, T, U		ENS	DG0							
		1	J, U		ENS	DBB							
		1	J, T, U		ENS	DBB							

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD J = JEEP - 4WD S = SPORT U = JEEP - 4WD (RHD) M = MEDIUM L = LOWLINE

TYPE #4

BODY

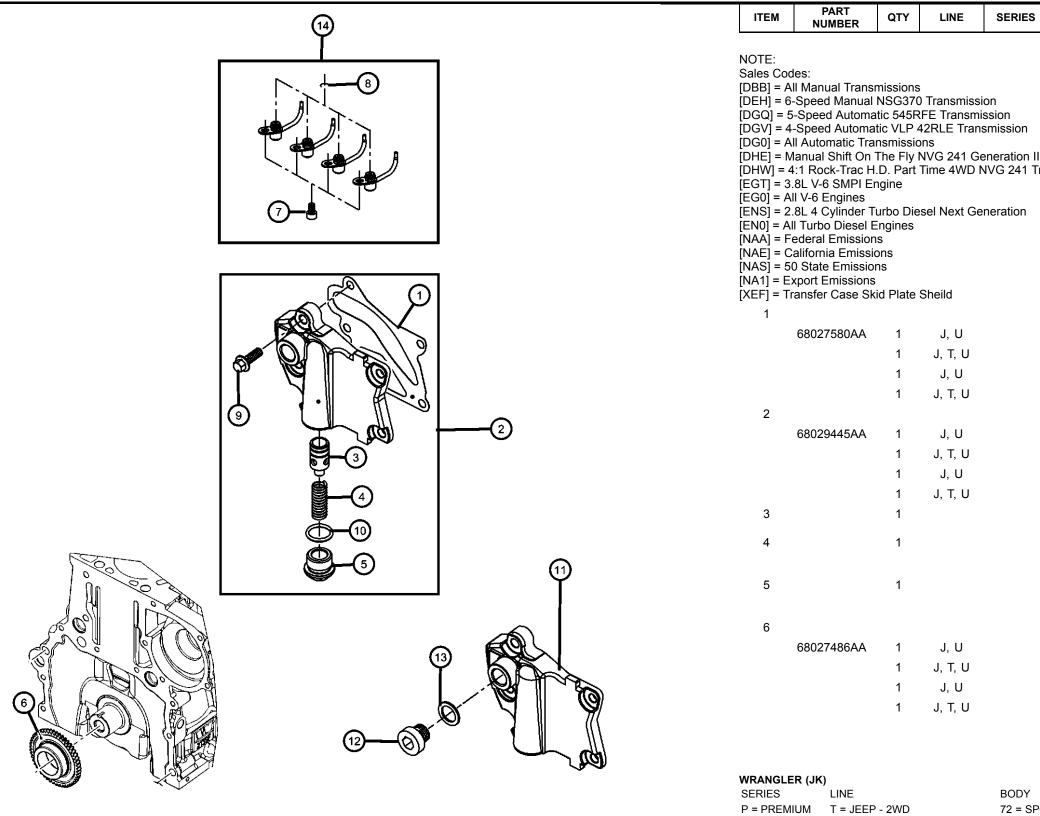
72 = SPORT UTILITY 2-DR EGT = 3.8L V6 SMPI Engine DEH = 6-Speed Manual NSG370 TYPE #2 ENS = 2.8L 4 Cyl TD Next Transmission
74 = SPORT UTILITY 4-DR Generation Engine DGV = 4-Spd. Automatic VLP 42R

ENGINE

TRANSMISSION

DGV = 4-Spd. Automatic VLP 42RLE

Engine Oiling Pump 2.8L Diesel [ENS] Figure 009ENS-705



DEH] = 6 [DGQ] = 5 [DGV] = 4 [DGO] = A [DHE] = N [DHW] = 4 [EGT] = 3 [EGO] = A [ENS] = 2 [ENO] = A [NAA] = F [NAS] = 5 [NAS] = 5	DBB] = All Manual Transmissions DEH] = 6-Speed Manual NSG370 Transmission DGQ] = 5-Speed Automatic 545RFE Transmission DGV] = 4-Speed Automatic VLP 42RLE Transmission DGO] = All Automatic Transmissions DHE] = Manual Shift On The Fly NVG 241 Generation II Transfer Case DHW] = 4:1 Rock-Trac H.D. Part Time 4WD NVG 241 Transfer Case EGT] = 3.8L V-6 SMPI Engine EGO] = All V-6 Engines ENS] = 2.8L 4 Cylinder Turbo Diesel Next Generation ENO] = All Turbo Diesel Engines NAA] = Federal Emissions NAE] = California Emissions NAS] = 50 State Emissions NAS] = 50 State Emissions NA1] = Export Emissions KEF] = Transfer Case Skid Plate Sheild										
1							GASKET, Oil Pump				
	68027580AA	1	J, U		ENS	DG0					
		1	J, T, U		ENS	DG0					
		1	J, U		ENS	DBB					
		1	J, T, U		ENS	DBB					
2							PUMP, Engine Oil				
	68029445AA	1	J, U		ENS	DG0					
		1	J, T, U		ENS	DG0					
		1	J, U		ENS	DBB					
		1	J, T, U		ENS	DBB					
3		1					PLUNGER, Serviced With Item 2 Pump, (NOT SERVICED)				
4		1					SPRING, Oil Pressure Relief Valve, Serviced With Item 2 Pump, (NOT				
5		1					SERVICED) CAP, Oil Pressure Relief Valve, Serviced With Item 2 Pump, (NOT SERVICED)				
6							GEAR, Oil Pump Drive				
	68027486AA	1	J, U		ENS	DG0					
		1	J, T, U		ENS	DG0					
		1	J, U		ENS	DBB					
		1	J, T, U		ENS	DBB					
WRANGLE SERIES P = PREM S = SPOR M = MEDII L = LOWLI	LINE IUM T = JEEP - T J = JEEP - UM U = JEEP -	4WD	HD)	BODY 72 = SPORT UTILITY 2-DF TYPE #2 74 = SPORT UTILITY 4-DF TYPE #4	ENS = 2.	8L V6 SMPI Engine .8L 4 Cyl TD Next on Engine	TRANSMISSION DEH = 6-Speed Manual NSG370 Transmission DGV = 4-Spd. Automatic VLP 42RLE Trans DGQ = 5-Spd Automatic 545RFE				
							Transmission				

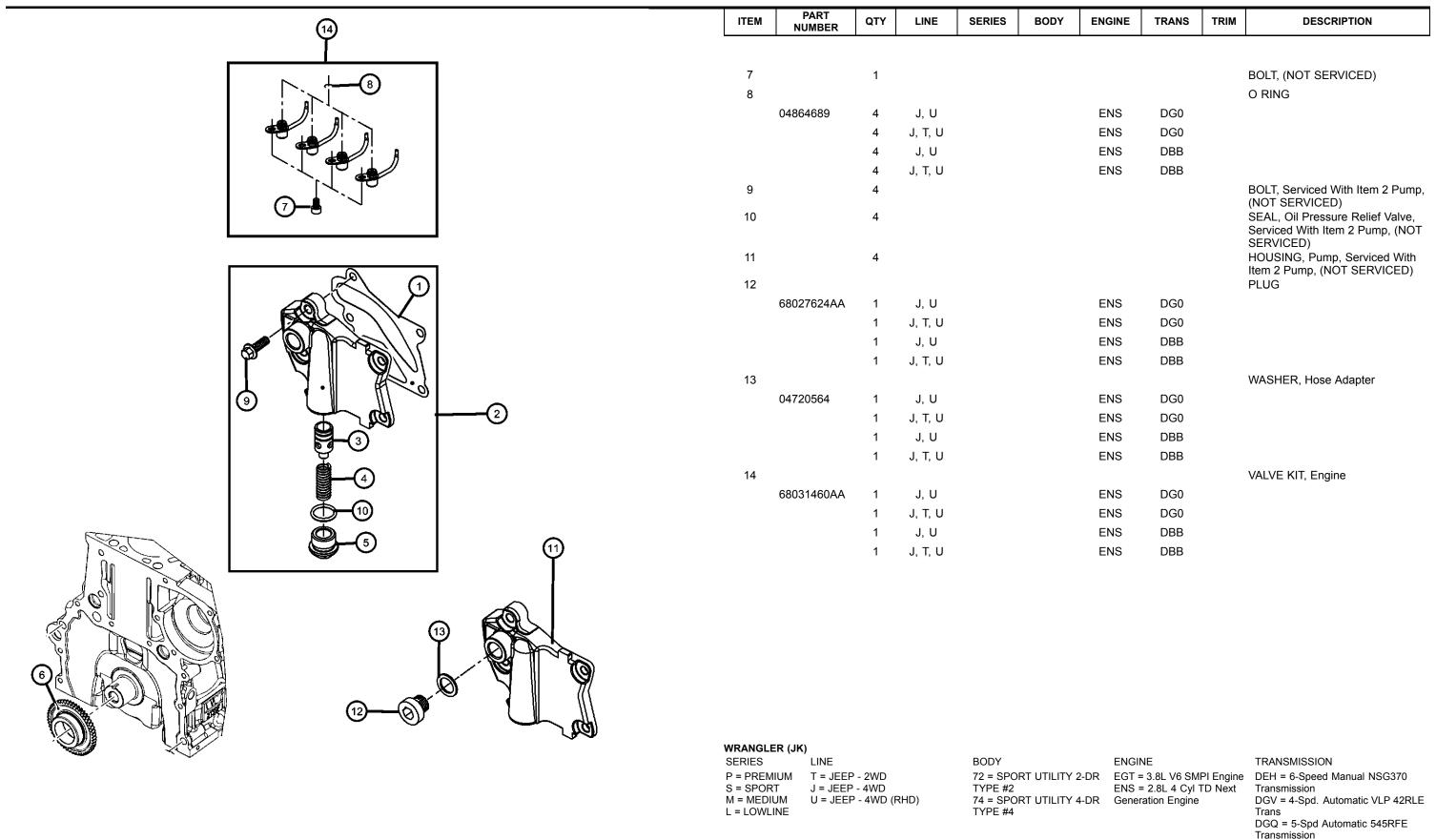
BODY

ENGINE

TRANS

TRIM

Engine Oiling Pump 2.8L Diesel [ENS] Figure 009ENS-705



Engine Oil Pan, Engine Oil Level Indicator And Related Parts 2.8L Diesel [ENS] Figure 009ENS-725

ITEM

PART NUMBER

QTY

LINE

SERIES

BODY

ENGINE

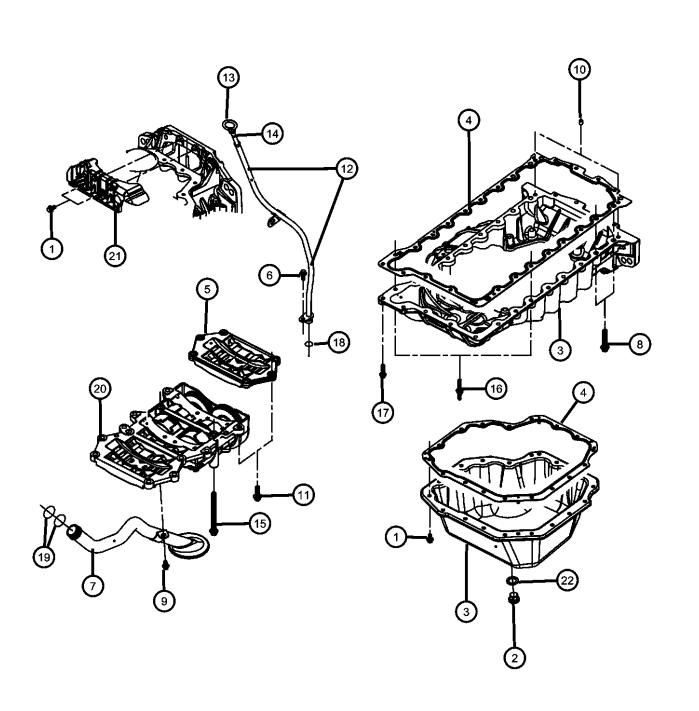
TRANS

TRIM

1	(21) (5)	-14 12 6 -18		3
19	7 9	11)	3 2	4 4 22

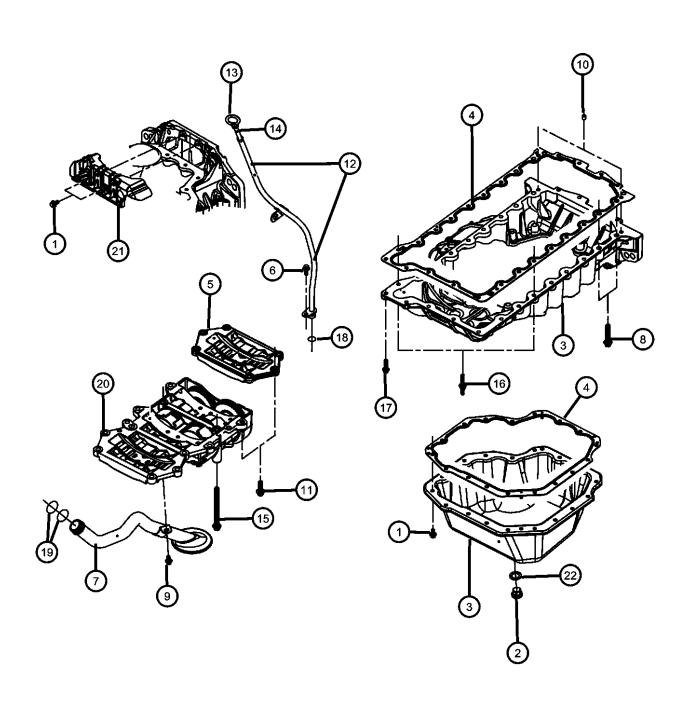
[DEH] = 6 [DGQ] = 2 [DGO] = 4 [DHE] = 1 [DHW] = 2 [EGT] = 3 [EGO] = 4 [ENS] = 2 [ENO] = 4 [NAA] = 6 [NAA] = 6 [NAS] = 5 [NAS] = 5	All Manual Transr 6-Speed Manual I 5-Speed Automa 4-Speed Automat All Automatic Trar Manual Shift On T	NSG370 tic 545R ic VLP 4 nsmissio The Fly N D. Part T gine urbo Dies ngines s ons	FE Transmiss 2RLE Transn ns VG 241 Gen Time 4WD NV sel Next Gene	sion nission eration II Transfer Case /G 241 Transfer Case			
1							BOLT
	68027630AA	17	J, U		ENS	DG0	Bracket And Oil Pan, Mounting
		17	J, T, U		ENS	DG0	Bracket And Oil Pan, Mounting
		17	J, U		ENS	DBB	Bracket And Oil Pan, Mounting
		17	J, T, U		ENS	DBB	Bracket And Oil Pan, Mounting
2							PLUG, Oil Drain
	05191971AA	1	J, U		ENS	DG0	
		1	J, T, U		ENS	DG0	
		1	J, U		ENS	DBB	
		1	J, T, U		ENS	DBB	
3							PAN, Engine Oil
	68027080AA	1	J, U		ENS	DG0	Lower
		1	J, T, U		ENS	DG0	Lower
		1	J, U		ENS	DBB	Lower
		1	J, T, U		ENS	DBB	Lower
	68027490AA	1	J, U		ENS	DG0	Upper
		1	J, T, U		ENS	DG0	Upper
		1	J, U		ENS	DBB	Upper
		1	J, T, U		ENS	DBB	Upper
4							GASKET, Oil Pan
	68027583AA	1	J, U		ENS	DG0	Upper
WRANGL SERIES	ER (JK) LINE			BODY	ENGINE	<u> </u>	TRANSMISSION
P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD M = MEDIUM U = JEEP - 4WD (RHD) L = LOWLINE			RHD)	72 = SPORT UTILITY 2-DI TYPE #2 74 = SPORT UTILITY 4-DI TYPE #4	R EGT = 3 ENS = 2	.8L V6 SMPI Engine 2.8L 4 CyI TD Next ion Engine	DEH = 6-Speed Manual NSG370 Transmission DGV = 4-Spd. Automatic VLP 42RLE Trans DGQ = 5-Spd Automatic 545RFE Transmission

Engine Oil Pan, Engine Oil Level Indicator And Related Parts 2.8L Diesel [ENS] Figure 009ENS-725



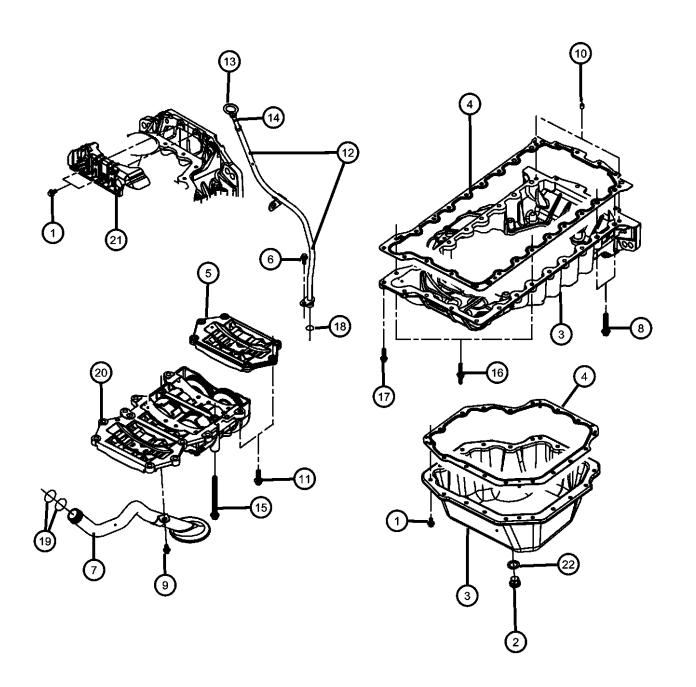
ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
		1	J, T, U			ENS	DG0		Upper
		1	J, U			ENS	DBB		Upper
		1	J, T, U			ENS	DBB		Upper
	68027587AA	1	J, U			ENS	DG0		Lower
		1	J, T, U			ENS	DG0		Lower
		1	J, U			ENS	DBB		Lower
		1	J, T, U			ENS	DBB		Lower
5									TRAY, Windage
	68027475AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
6									BOLT
	68027633AA	3	J, U			ENS	DBB		Engine Oil Indicator Tube, Mounting
		3	J, T, U			ENS	DBB		Engine Oil Indicator Tube, Mounting
		3	J, U			ENS	DG0		Engine Oil Indicator Tube, Mounting
7		3	J, T, U			ENS	DG0		Engine Oil Indicator Tube, Mounting TUBE, Oil Pickup
	68027511AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
8									BOLT
	68029482AA	4	J, U			ENS	DG0		
		4	J, T, U			ENS	DG0		
		4	J, U			ENS	DBB		
		4	J, T, U			ENS	DBB		
9									BOLT
	68027633AA	3	J, U			ENS	DBB		Oil Pickup Tube, Mounting
		3	J, T, U			ENS	DBB		Oil Pickup Tube, Mounting
		3	J, U			ENS	DG0		Oil Pickup Tube, Mounting
		3	J, T, U			ENS	DG0		Oil Pickup Tube, Mounting
WRANGI	LER (JK)								
SERIES	LINE			BODY		ENGI			TRANSMISSION
P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD M = MEDIUM U = JEEP - 4WD (RHD) L = LOWLINE			TYPE #2	RT UTILITY 2-I	ENS =	= 3.8L V6 SMF = 2.8L 4 Cyl T ration Engine		DEH = 6-Speed Manual NSG370 Transmission DGV = 4-Spd. Automatic VLP 42RLE Trans DGQ = 5-Spd Automatic 545RFE Transmission	

Engine Oil Pan, Engine Oil Level Indicator And Related Parts 2.8L Diesel [ENS] Figure 009ENS-725



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
10		3							DOWEL PIN, Serviced In Block Hardware Package, (NOT SERVICED),
11	68029481AA	16	J, T, U			ENS	DG0		BOLT
	00029401AA	16	J, T, U			ENS	DBB		
12		10	3, 1, 0			LING	000		TUBE, Engine Oil Indicator
	68027512AA	1	J, U			ENS	DG0		TOBE, Engine on maloator
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
13									INDICATOR, Engine Oil Level
	68033478AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
14									O RING, Engine Oil Indicator
	04720373	1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
		1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
15									BOLT
	68029486AA	2	J, U			ENS	DG0		
		2	J, T, U			ENS	DG0		
		2	J, U			ENS	DBB		
		2	J, T, U			ENS	DBB		
16	0000755044	•				ENO	DDD		STUD, Double Ended
	68027556AA	2	J, U			ENS	DBB		
		2	J, T, U			ENS	DBB		
		2 2	J, U			ENS ENS	DG0 DG0		
17		2	J, T, U			ENO	DGU		BOLT
17	68027632AA	20	J, U			ENS	DBB		Upper Oil Pan To Cylinder Block, Mounting
WRANGLE SERIES P = PREM S = SPOR M = MEDI L = LOWL	LINE IIUM T = JEEP TT J = JEEP UM U = JEEP	- 4WD	RHD)	TYPE #2	RT UTILITY 2- RT UTILITY 4-	ENS	INE = 3.8L V6 SMI = 2.8L 4 Cyl 1 eration Engine		TRANSMISSION

Engine Oil Pan, Engine Oil Level Indicator And Related Parts 2.8L Diesel [ENS] Figure 009ENS-725



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
				•		•			
		20	J, T, U			ENS	DBB		Upper Oil Pan To Cylinder Block Mounting
		20	J, U			ENS	DG0		Upper Oil Pan To Cylinder Block Mounting
18		20	J, T, U			ENS	DG0		Upper Oil Pan To Cylinder Block Mounting O RING
10	05083157AA	1	J, U			ENS	DBB		Chine
	00000107701	1	J, T, U			ENS	DBB		
		1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
19		·	0, 1, 0				200		O RING, Oil Suction Tube
	05066789AB	2	J, U			ENS	DBB		.,
		2	J, T, U			ENS	DBB		
		2	J, U			ENS	DG0		
		2	J, T, U			ENS	DG0		
20									SHAFT, Balance
	68032199AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
21									BRACKET
	68027479AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
22									WASHER, Plain
	04720353	1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
		1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		

WRANGLER (JK)

SERIES

P = PREMIUM T = JEEP - 2WD J = JEEP - 4WD S = SPORT M = MEDIUM

U = JEEP - 4WD (RHD) L = LOWLINE

BODY 72 = SPORT UTILITY 2-DR TYPE #2

74 = SPORT UTILITY 4-DR TYPE #4

ENGINE

EGT = 3.8L V6 SMPI Engine
ENS = 2.8L 4 Cyl TD Next
Generation Engine

DEH = 6-Speed Manual NSG370
Transmission
DGV = 4-Spd. Automatic VLP 42RLE

TRANSMISSION

Engine Oil Filter And Housing 2.8L Diesel [ENS] Figure 009ENS-745

ITEM

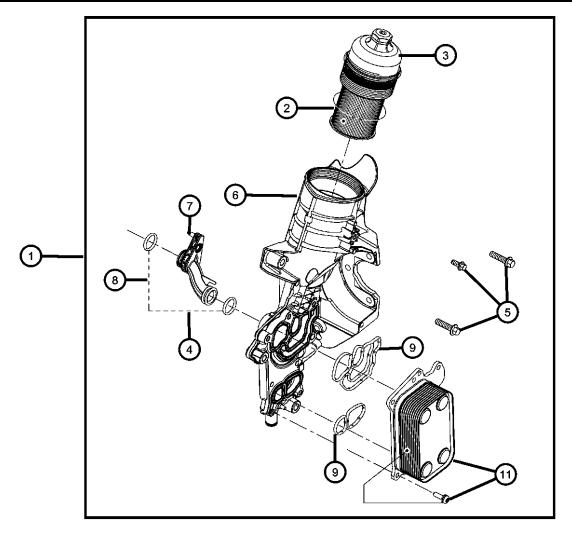
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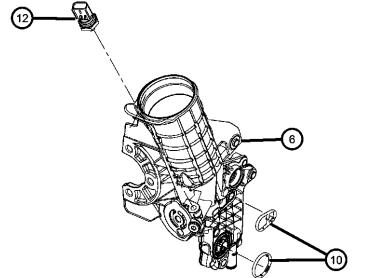
LINE

SERIES

BODY

ENGINE



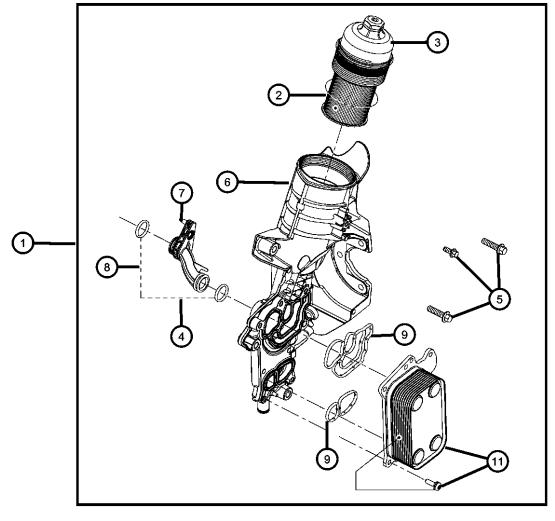


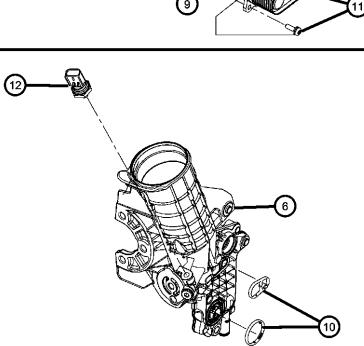
	NU	MBER							
NOTE	•								
NOTE: Sales Cod	doo:								
		ual Transn	missions						
[DEH] = 6	S-Speed	l Manual I	NSG370	Transmissi					
				FE Transmi					
		natic Trar		l2RLE Trans	SMISSION				
	/lanual	Shift On T	The Fly I	NVG 241 Ge		Fransfer Case	е		
		:k-Trac H. 5 SMPI En		Time 4WD N	NVG 241 Tra	insfer Case			
[EG1] = 3 [EG0] = A			igirie						
[ENS] = 2	8L 4 C	ylinder Tu		sel Next Ge	neration				
		Diesel E Emissions							
		a Emission							
[NAS] = 5	0 State	Emission	าร						
[NA1] = E		missions Case Ski		Shoild					
	ialisiei	Case Ski	iu Flate	Silellu					FILTER/COOLER ASSEMBLY (
1	0000	700444	4	,			EN 10	500	FILTER/COOLER ASSEMBLY, O
	68027	7604AA	1	J, U . –			ENS	DG0	
			1	J, T, U			ENS	DG0	
			1	J, U			ENS	DBB	
			1	J, T, U			ENS	DBB	
2									ELEMENT, Engine Oil
	68032	2204AA	1	J, U			ENS	DG0	
			1	J, T, U			ENS	DG0	
			1	J, U			ENS	DBB	
			1	J, T, U			ENS	DBB	
3									CAP, Oil Filter Housing
	68032	2205AA	1	J, U			ENS	DG0	
			1	J, T, U			ENS	DG0	
			1	J, U			ENS	DBB	
			1	J, T, U			ENS	DBB	
4			•	0, ., 0					GASKET KIT, Engine Oil Filter
т									Housing
	68032	2202AA	1	J, U			ENS	DG0	
			1	J, T, U			ENS	DG0	
			1	J, U			ENS	DBB	
			1	J, T, U			ENS	DBB	
5									BOLT
WRANGLE	ER (JK)								
	` ,	LINE			BODY			GINE	TRANSMISSION
SERIES		T = JEEP	- 2WD			RT UTILITY 2		T = 3.8L V6 SM	DEH = 6-Speed Manual NSG370
P = PREM			- 4\WD		TVDE #?		L. N.	S = 281 4 CM	Tranemiccion
	T.	J = JEEP · U = JEEP	- 4WD - 4WD (F	RHD)	TYPE #2 74 = SPC	RT UTILITY 4		S = 2.8L 4 Cyl ⁻ neration Engine	Transmission DGV = 4-Spd. Automatic VLP 42R
P = PREM S = SPOR	T UM	J = JEEP U = JEEP	- 4WD - 4WD (F	RHD)		RT UTILITY 4			

TRANS TRIM

DESCRIPTION

Engine Oil Filter And Housing 2.8L Diesel [ENS] Figure 009ENS-745





ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
	68027631AA	6	J, U			ENS	DG0		Filter Housing Assembly, Mounting
		6	J, T, U			ENS	DG0		Filter Housing Assembly, Mounting
		6	J, U			ENS	DBB		Filter Housing Assembly,
		6	J, T, U			ENS	DBB		Mounting Filter Housing Assembly,
6		6							Mounting HOUSING, Oil Filter, Serviced In Filter/Cooler Assembly, (NOT SERVICED),
7		6							PIPE, Serviced In Gasket Kit, (NOT SERVICED)
8		6							O RING, Serviced In Gasket Kit, (NOT SERVICED)
9		6							GASKET, Engine Oil Cooler, Serviced In Gasket Kit, (NOT SERVICED)
10 11		6							GASKET, Serviced In Gasket Kit, (NOT SERVICED) COOLER, Engine Oil
11	68032203AA	1	J, U			ENS	DG0		COOLER, Engine Oil
	00002200741	1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
12			-, , -						SENSOR, Oil Pressure
	05093908AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD M = MEDIUM U = JEEP - 4WD (RHD) L = LOWLINE

BODY

ENGINE

TRANSMISSION TYPE #4

TRANSMISSION

1 RANSMISSION

12 = SPORT UTILITY 2-DR
EGT = 3.8L V6 SMPI Engine
ENS = 2.8L 4 Cyl TD Next
Transmission
Transmission
DGV = 4-Spd. Automatic VLP 42RLE
Trans DGQ = 5-Spd Automatic 545RFE Transmission

Engine Oil Cooler 2.8L Diesel [ENS] Figure 009ENS-805

ITEM

PART NUMBER

QTY

LINE

SERIES

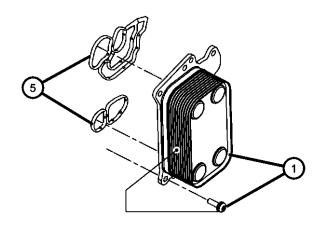
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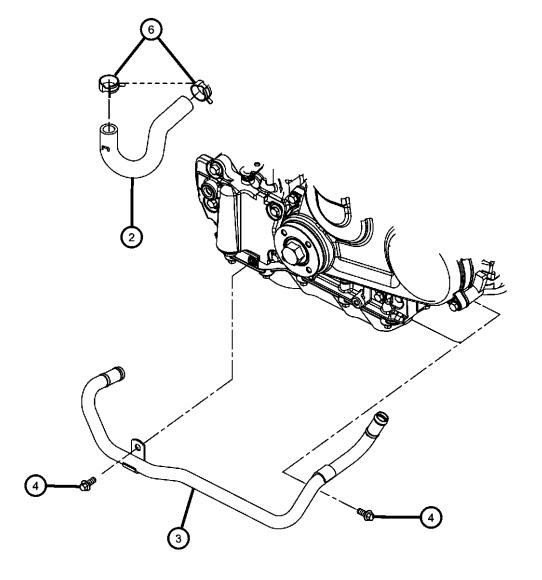
ENGINE

TRANS

TRIM

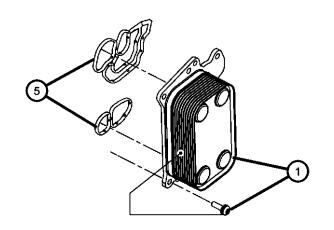
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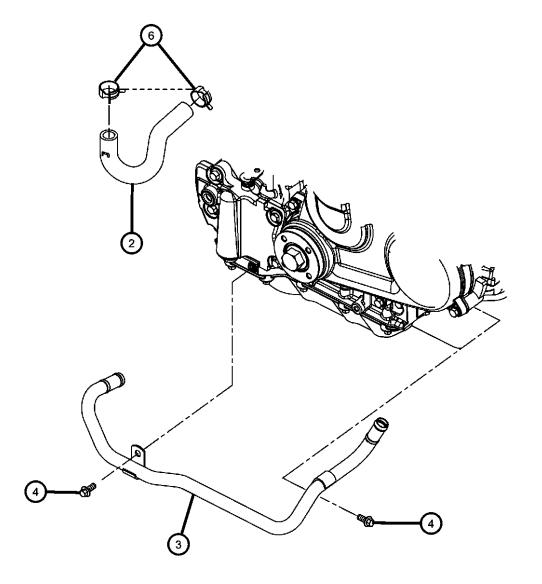




[DEH] = 6: [DGQ] = 5: [DGV] = 4: [DGO] = A: [DHE] = M: [DHW] = 4: [EGT] = 3: [EGO] = A: [ENS] = 2: [ENO] = A: [NAA] = F: [NAE] = C:	II Manual Transn -Speed Manual I -Speed Automat -Speed Automat II Automatic Trar Ianual Shift On T I:1 Rock-Trac H. ISL V-6 SMPI En II V-6 Engines II V-6 Engines II Turbo Diesel E ederal Emissions alifornia Emissions	NSG370 tic 545R ic VLP 4 nsmissic The Fly D. Part gine urbo Die ngines s) Transmission RFE Transmis 42RLE Trans Ins NVG 241 Ge Time 4WD N	ssion mission neration II Transfer Case VG 241 Transfer Case			
[NA1] = E	0 State Emission xport Emissions						
	ansfer Case Ski	d Plate	Sheild				000150 5 : 01
1	6000000044	4			ENIC	D00	COOLER, Engine Oil
	68032203AA	1	J, U		ENS	DG0	
		1	J, T, U		ENS	DG0	
		1	J, U		ENS	DBB	
0		1	J, T, U		ENS	DBB	TUDE Deture
2	6900751744	1	1.11		TNC	DCO	TUBE, Return
	68027517AA	1	J, U		ENS	DG0	
		1	J, T, U		ENS	DG0	
		1	J, U		ENS	DBB	
		1	J, T, U		ENS	DBB	
3							TUBE, Oil Cooler
	68027495AA	1	J, U		ENS	DG0	
		1	J, T, U		ENS	DG0	
		1	J, U		ENS	DBB	
		1	J, T, U		ENS	DBB	
4							BOLT
	68027633AA	3	J, U		ENS	DG0	Oil Cooler Tube, Mounting
		3	J, T, U		ENS	DG0	Oil Cooler Tube, Mounting
		3	J, U		ENS	DBB	Oil Cooler Tube, Mounting
		3	J, T, U		ENS	DBB	Oil Cooler Tube, Mounting
5							GASKET KIT, Engine Oil Filter Housing
WRANGLE SERIES P = PREM S = SPOR' M = MEDIU L = LOWLI	LINE IUM T = JEEP T J = JEEP JM U = JEEP	- 4WD	RHD)	BODY 72 = SPORT UTILITY 2-D TYPE #2 74 = SPORT UTILITY 4-D TYPE #4	ENS =	NE = 3.8L V6 SMPI Engine = 2.8L 4 Cyl TD Next ration Engine	TRANSMISSION DEH = 6-Speed Manual NSG370 Transmission DGV = 4-Spd. Automatic VLP 42F Trans DGQ = 5-Spd Automatic 545RFE Transmission

Engine Oil Cooler 2.8L Diesel [ENS] Figure 009ENS-805





ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
	68032202AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
6									CLAMP, Heater Hose
	04883924AA	2	J, U			ENS	DG0		
		2	J, T, U			ENS	DG0		
		2	J, U			ENS	DBB		
		2	J. T. U			ENS	DBB		

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD M = MEDIUM U = JEEP - 4WD (RHD) L = LOWLINE

BODY

ENGINE

TRANSMISSION TYPE #4

TRANSMISSION

1 RANSMISSION

12 = SPORT UTILITY 2-DR
EGT = 3.8L V6 SMPI Engine
ENS = 2.8L 4 Cyl TD Next
Transmission
Transmission
DGV = 4-Spd. Automatic VLP 42RLE
Trans

Turbocharger And Oil Tubes/Hoses 2.8L Diesel [ENS] Figure 009ENS-925

ITEM

PART NUMBER

QTY

LINE

SERIES

BODY

ENGINE

17	18 17 19 20 16
11) 2 10 6 12 13	9 15

[DEH] = 6-S [DGQ] = 5-S [DGV] = 4-S [DG0] = All [DHE] = Ma [DHW] = 4: [EGT] = 3.8 [EG0] = All	s: Manual Transr Speed Manual Speed Automat Speed Automat Automatic Tran nual Shift On 1 1 Rock-Trac H. L V-6 SMPI Er V-6 Engines L 4 Cylinder Tu	NSG370 tic 545R tic VLP 4 nsmissio The Fly N D. Part ⁻ ngine	FE Transmiss 2RLE Transr ns IVG 241 Ger Time 4WD N	sion mission neration II ⁻ /G 241 Tra			,	,	
[EN0] = All [NAA] = Feo [NAE] = Cal [NAS] = 50	Turbo Diesel E deral Emission ifornia Emissio State Emission port Emissions	ngines s ons	SOLITION OCH	oradioi1					
	nsfer Case Ski	d Plate S	Sheild						
1									BOLT, Banjo
()5142792AA	1	J, U			ENS	DG0		Oil Feed Tube
		1	J, T, U			ENS	DG0		Oil Feed Tube
		1	J, U			ENS	DBB		Oil Feed Tube
		1	J, T, U			ENS	DBB		Oil Feed Tube
2									FITTING, Male
()5066814AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
3									TUBE, Turbo Oil Drain
6	8027496AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
4									TURBOCHARGER
6	8033479AB	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
5									GASKET, Turbocharger
WRANGLER	(JK)								
SERIES P = PREMIU S = SPORT M = MEDIUM	LINE M T = JEEP J = JEEP	- 4WD	RHD)	TYPE #2	RT UTILITY 2-	DR E	NGINE GT = 3.8L V6 SI NS = 2.8L 4 Cy eneration Engin	I TD Next	TRANSMISSION DEH = 6-Speed Manual NSG370 Transmission DGV = 4-Spd. Automatic VLP 42RL

74 = SPORT UTILITY 4-DR Generation Engine
TYPE #4

TRIM

DESCRIPTION

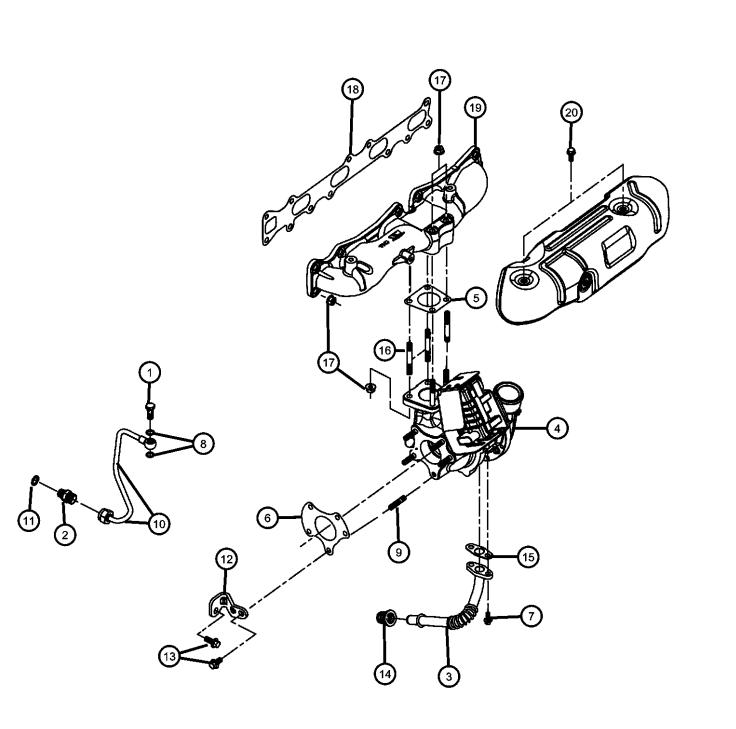
TRANS

U = JEEP - 4WD (RHD)

L = LOWLINE

DGV = 4-Spd. Automatic VLP 42RLE

Turbocharger And Oil Tubes/Hoses 2.8L Diesel [ENS] Figure 009ENS-925



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
	68027584AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
6									GASKET, Turbo Exhaust Outlet
	68027588AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
7									BOLT
	68027630AA	2	J, U			ENS	DG0		
		2	J, T, U			ENS	DG0		
		2	J, U			ENS	DBB		
		2	J, T, U			ENS	DBB		
8									WASHER
	04720713	2	J, U			ENS	DG0		
		2	J, T, U			ENS	DG0		
		2	J, U			ENS	DBB		
		2	J, T, U			ENS	DBB		
9									STUD
	68031591AA	4	J, T, U			ENS	DG0		
		4	J, T, U			ENS	DBB		
10									TUBE, Oil Feed
	68027508AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
11									WASHER, Oil Pressure Transduser
	04720704	1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
		1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
12									BRACKET

WRANGLER (JK)

L = LOWLINE

SERIES P = PREMIUM T = JEEP - 2WD J = JEEP - 4WD S = SPORT U = JEEP - 4WD (RHD) M = MEDIUM

BODY

ENGINE

TRANSMISSION

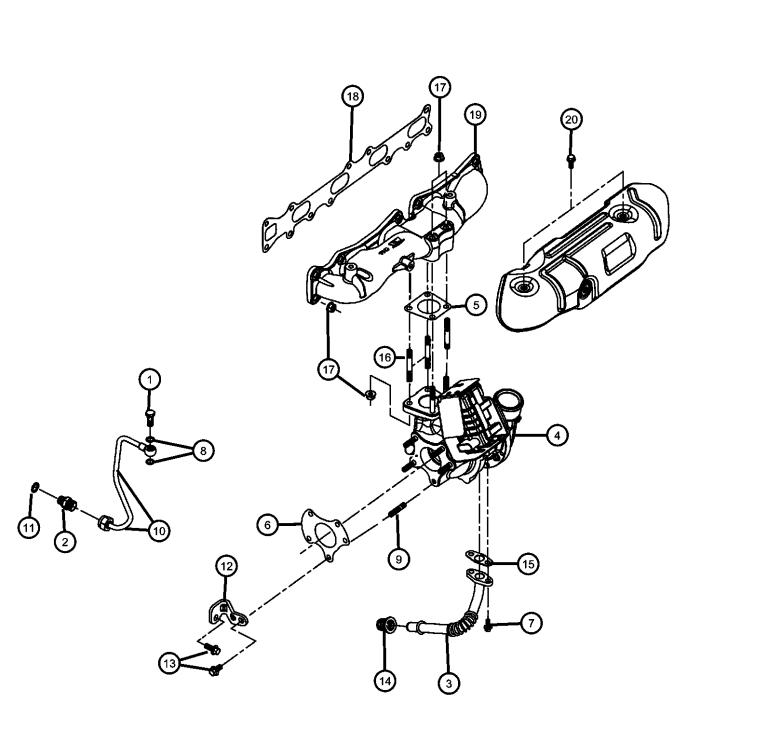
TYPE #4

TRANSMISSION

1 RANSMISSION

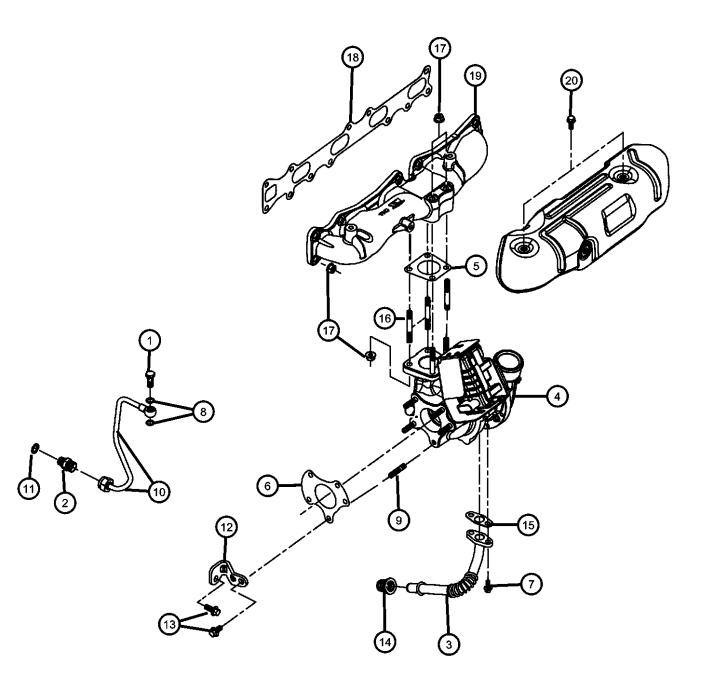
12 = SPORT UTILITY 2-DR
EGT = 3.8L V6 SMPI Engine
ENS = 2.8L 4 Cyl TD Next
Transmission
Transmission
DGV = 4-Spd. Automatic VLP 42RLE
Trans DGQ = 5-Spd Automatic 545RFE Transmission

Turbocharger And Oil Tubes/Hoses 2.8L Diesel [ENS] Figure 009ENS-925



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
				•	•				
	68027551AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
13									BOLT
	68027628AA	2	J, U			ENS	DBB		Bracket, Mounting
		2	J, T, U			ENS	DBB		Bracket, Mounting
		2	J, U			ENS	DG0		Bracket, Mounting
		2	J, T, U			ENS	DG0		Bracket, Mounting
14									FITTING
	05142794AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
15									GASKET
	68031571AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
16									STUD, Double Ended
	68027618AA	2	J, U			ENS	DG0		Exhaust Manifold To Turbo, Mounting
		2	J, T, U			ENS	DG0		Exhaust Manifold To Turbo, Mounting
	68033482AA	1	J, U			ENS	DG0		ca.iang
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
17									NUT, Flange
	05142578AA	19	J, U			ENS	DBB		
		19	J, T, U			ENS	DBB		
		19	J, U			ENS	DG0		
		19	J, T, U			ENS	DG0		
18									GASKET, Exhaust Manifold
WRANGLE				BODY		ENIO	INE		TRANSMISSION
SERIES P = PREM S = SPOR M = MEDI L = LOWL	T J = JEEP UM U = JEEP	- 4WD	RHD)	TYPE #2	T UTILITY 2-D T UTILITY 4-D	ENS	= 3.8L V6 SMI = 2.8L 4 Cyl 1 eration Engine		TRANSMISSION DEH = 6-Speed Manual NSG370 Transmission DGV = 4-Spd. Automatic VLP 42RLE Trans DGQ = 5-Spd Automatic 545RFE

Turbocharger And Oil Tubes/Hoses 2.8L Diesel [ENS] Figure 009ENS-925



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
	68027585AA	1	J, U			ENS	DG0		
		1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
19									MANIFOLD, Exhaust
	68027492AB	1	J, T, U			ENS	DG0		
		1	J, U			ENS	DBB		
		1	J, T, U			ENS	DBB		
20									SCREW
	05072688AA	2	J, U			ENS	DG0		Heat Sheild To Exhaust Manifold, Mounting
		2	J, T, U			ENS	DG0		Heat Sheild To Exhaust Manifold, Mounting
		2	J, U			ENS	DBB		Heat Sheild To Exhaust Manifold, Mounting
		2	J, T, U			ENS	DBB		Heat Sheild To Exhaust Manifold, Mounting

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD U = JEEP - 4WD (RHD) M = MEDIUM L = LOWLINE

BODY

ENGINE

TRANSMISSION TYPE #4

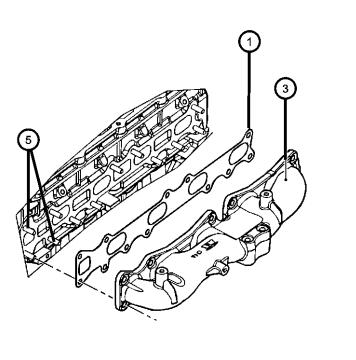
TRANSMISSION

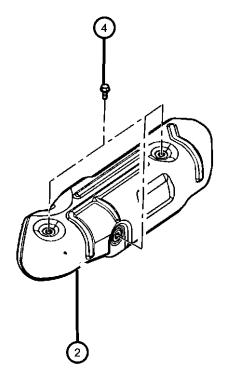
1 RANSMISSION

12 = SPORT UTILITY 2-DR
EGT = 3.8L V6 SMPI Engine
ENS = 2.8L 4 Cyl TD Next
Transmission
Transmission
DGV = 4-Spd. Automatic VLP 42RLE
Trans DGQ = 5-Spd Automatic 545RFE Transmission

Exhaust Manifold And Shield 2.8L Diesel [ENS] Figure 009ENS-1005

ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION





NOTE: Sales Codes: [DBB] = All Ma [DEH] = 6-Spe [DGQ] = 5-Spe [DGV] = 4-Spe [DGO] = All Au [DHE] = Manu [DHW] = 4:1 F [EGT] = 3.8L V [EGO] = All V-6 [ENS] = 2.8L 4 [ENO] = All Tu [NAA] = Feder [NAE] = Califo [NAS] = 50 Sta [NA1] = Expor [XEF] = Trans	eed Manual Need Automaticed Automatic Tran all Shift On TROCK-Trac H.E. Gengines 4 Cylinder Turbo Diesel Erral Emissions ate Emissions t Emissions	ISG370 ic 545R c VLP 4 smissio he Fly I D. Part gine rbo Die ngines ns	Transmission Trans	sion mission neration II Transfer Case VG 241 Transfer Case			
1							GASKET, Exhaust Manifold
680)27585AA	1	J, U		ENS	DG0	
		1	J, T, U		ENS	DG0	
		1	J, U		ENS	DBB	
		1	J, T, U		ENS	DBB	
2							SHIELD, Exhaust Manifold
680	027597AA	1	J, U		ENS	DG0	
		1	J, T, U		ENS	DG0	
		1	J, U		ENS	DBB	
		1	J, T, U		ENS	DBB	
3							MANIFOLD, Exhaust
680)27492AB	1	J, U		ENS	DG0	
		1	J, T, U		ENS	DG0	
		1	J, U		ENS	DBB	
		1	J, T, U		ENS	DBB	
4							SCREW
050)72688AA	2	J, U		ENS	DG0	Heat Sheild To Exhaust Manifold, Mounting
		2	J, T, U		ENS	DG0	Heat Sheild To Exhaust Manifold, Mounting
		2	J, U		ENS	DBB	Heat Sheild To Exhaust Manifold, Mounting
WRANGLER (J SERIES	IK) LINE	au =		BODY	ENGIN	NE	TRANSMISSION

72 = SPORT UTILITY 2-DR EGT = 3.8L V6 SMPI Engine TYPE #2 ENS = 2.8L 4 Cyl TD Next Transmission
74 = SPORT UTILITY 4-DR Generation Engine TYPE #4

EGT = 3.8L V6 SMPI Engine DEH = 6-Speed Manual NSG370
Transmission
DGV = 4-Spd. Automatic VLP 42RLE
Transmission
DGV = 4-Spd. Automatic VLP 42RLE

T = JEEP - 2WD

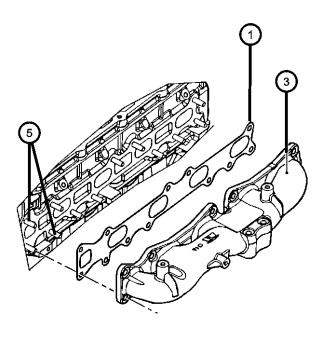
J = JEEP - 4WD U = JEEP - 4WD (RHD)

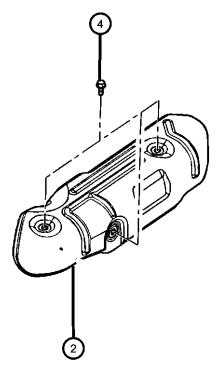
P = PREMIUM

S = SPORT M = MEDIUM L = LOWLINE

Exhaust Manifold And Shield 2.8L Diesel [ENS] Figure 009ENS-1005

ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
5		2	J, T, U			ENS	DBB		Heat Sheild To Exhaust Manifold, Mounting STUD, Double Ended
	68027617AA	6	J, U			ENS	DG0		
		6	J, T, U			ENS	DG0		
		6	J, U			ENS	DBB		
		6	JITI			FNS	DRR		





WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD M = MEDIUM U = JEEP - 4WD (RHD) L = LOWLINE

BODY

ENGINE

TRANSMISSION

TYPE #4

TRANSMISSION

1 RANSMISSION

12 = SPORT UTILITY 2-DR
EGT = 3.8L V6 SMPI Engine
ENS = 2.8L 4 Cyl TD Next
Transmission
Transmission
DGV = 4-Spd. Automatic VLP 42RLE
Trans

ITEM

PART NUMBER

QTY

LINE

SERIES

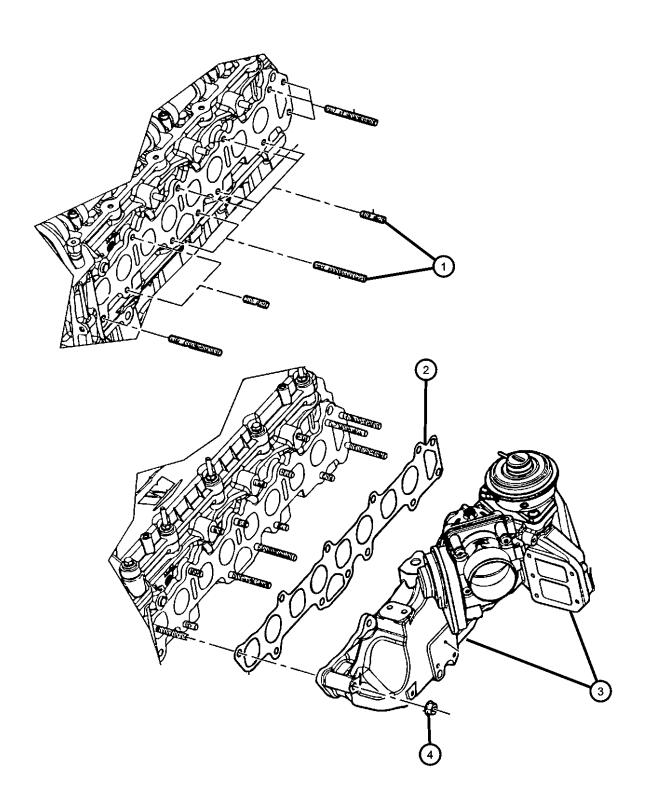
BODY

ENGINE

TRANS

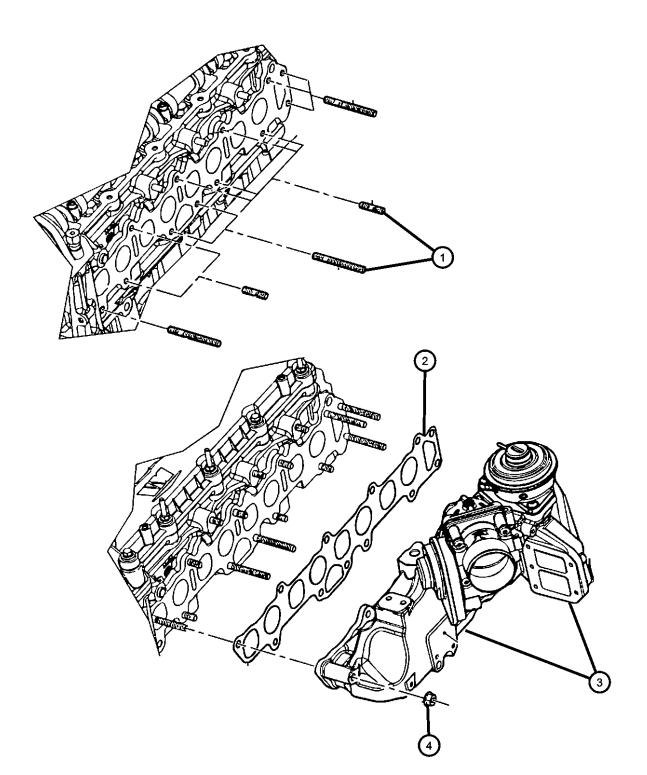
TRIM

DESCRIPTION



[DEH] = 6 [DGQ] = 9 [DGV] = 4 [DGO] = A [DHE] = N [DHW] = 4 [EGT] = 3 [EGO] = A [ENS] = 2 [ENO] = A	4:1 Rock-Trac H. 6.8L V-6 SMPI En 6.II V-6 Engines 6.8L 4 Cylinder Tu 6.II Turbo Diesel E	NSG37(tic 545R tic VLP 4 nsmissic The Fly D. Part ngine urbo Die ngines) Transmission Transmission Transmis 42RLE Transmis NVG 241 GeTime 4WD N	ession emission eneration II Transfer Case IVG 241 Transfer Case			
[NAE] = 0 [NAS] = 5 [NA1] = E	ederal Emissions California Emission O State Emissions Export Emissions Fransfer Case Ski	ons ns	Sheild				
1	ranorer eace ex	a i iato	Oriona				STUD, Double Ended
	04897831AA	6	J, U		ENS	DG0	Long
		6	J, T, U		ENS	DG0	Long
		6	J, U		ENS	DBB	Long
		6	J, T, U		ENS	DBB	Long
2							GASKET, Intake Manifold
	68027586AA	1	J, U		ENS	DG0	
		1	J, T, U		ENS	DG0	
		1	J, U		ENS	DBB	
		1	J, T, U		ENS	DBB	
3							MANIFOLD ASSEMBLY, Inta
	68029436AC	1	J, U		ENS	DG0	
		1	J, T, U		ENS	DG0	
		1	J, U		ENS	DBB	
		1	J, T, U		ENS	DBB	
4							NUT
	68032206AA	18	J, U		ENS	DG0	Manifold To Cylinder Head Mounting
		18	J, T, U		ENS	DG0	Manifold To Cylinder Head Mounting
WRANGLI SERIES	LINE	OWD		BODY	ENGII		TRANSMISSION
P = PREM S = SPOR M = MEDI L = LOWL	T J = JEEP UM U = JEEP	- 4WD	RHD)	72 = SPORT UTILITY 2-D TYPE #2 74 = SPORT UTILITY 4-D TYPE #4	ENS =	= 3.8L V6 SMPI Engine = 2.8L 4 Cyl TD Next ration Engine	DEH = 6-Speed Manual NSG3 Transmission DGV = 4-Spd. Automatic VLP 4 Trans DGQ = 5-Spd Automatic 545R

Intake Manifold 2.8L Diesel [ENS] Figure 009ENS-1025



ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION
		18	J, U			ENS	DBB		Manifold To Cylinder Head, Mounting
		18	J, T, U			ENS	DBB		Manifold To Cylinder Head, Mounting

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD J = JEEP - 4WD U = JEEP - 4WD (RHD) S = SPORT M = MEDIUM L = LOWLINE

BODY

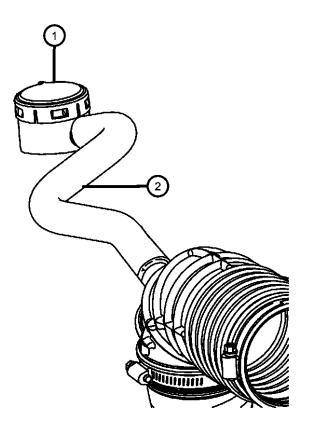
ENGINE

TRANSMISSION 72 = SPORT UTILITY 2-DR EGT = 3.8L V6 SMPI Engine TYPE #2 ENS = 2.8L 4 Cyl TD Next Transmission
74 = SPORT UTILITY 4-DR Generation Engine TYPE #4

EGT = 3.8L V6 SMPI Engine DEH = 6-Speed Manual NSG370
Transmission
DGV = 4-Spd. Automatic VLP 42RLE
Transmission
DGV = 4-Spd. Automatic VLP 42RLE

Crankcase Ventilation 2.8L Diesel [ENS] **Figure 009ENS-1105**

ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION



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NOTE:
Sales Codes:
[DBB] = All Manual Transmissions
[DEH] = 6-Speed Manual NSG370 Transmission
[DGQ] = 5-Speed Automatic 545RFE Transmission
[DGV] = 4-Speed Automatic VLP 42RLE Transmission
[DG0] = All Automatic Transmissions
[DHE] = Manual Shift On The Fly NVG 241 Generation II Transfer Case
[DHW] = 4:1 Rock-Trac H.D. Part Time 4WD NVG 241 Transfer Case
[EGT] = 3.8L V-6 SMPI Engine
[EG0] = All V-6 Engines
[ENS] = 2.8L 4 Cylinder Turbo Diesel Next Generation
[EN0] = All Turbo Diesel Engines
[NAA] = Federal Emissions
[NAE] = California Emissions
[NAS] = 50 State Emissions
[NA1] = Export Emissions
[XEF] = Transfer Case Skid Plate Sheild
    2
         53034025AA
                                  J, U
                                                                   ENS
```

J, T, U

WRANGLER (JK)

SERIES LINE P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD M = MEDIUM U = JEEP - 4WD (RHD)L = LOWLINE

TYPE #2 TYPE #4

BODY

74 = SPORT UTILITY 4-DR Generation Engine

ENS

TRANSMISSION **ENGINE** ENS = 2.8L 4 Cyl TD Next Transmission DGV = 4-Spd. Automatic VLP 42RLE

DGQ = 5-Spd Automatic 545RFE

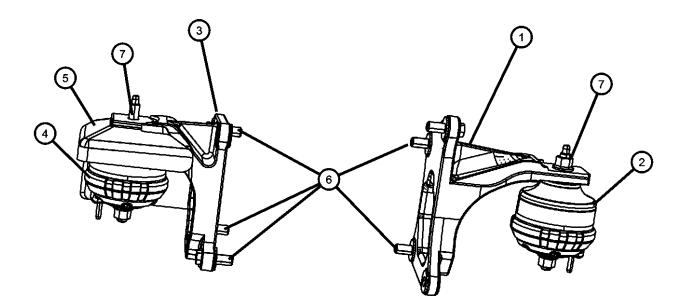
Transmission

SEPARATOR, (NOT SERVICED),

HOSE, Separator To Air Cleaner

Engine Mounting 2.8L Diesel [ENS] Figure 009ENS-1205

ITEM	PART NUMBER	QTY	LINE	SERIES	BODY	ENGINE	TRANS	TRIM	DESCRIPTION



NOTE: Sales Codes: [DBB] = All Manual Transmissions [DEH] = 6-Speed Manual NSG370 Transmission [DGQ] = 5-Speed Automatic 545RFE Transmission [DGV] = 4-Speed Automatic VLP 42RLE Transmission [DG0] = All Automatic Transmissions [DHE] = Manual Shift On The Fly NVG 241 Generation II Transfer Case [DHW] = 4:1 Rock-Trac H.D. Part Time 4WD NVG 241 Transfer Case [EGT] = 3.8L V-6 SMPI Engine [EG0] = All V-6 Engines [ENS] = 2.8L 4 Cylinder Turbo Diesel Next Generation [EN0] = All Turbo Diesel Engines [NAA] = Federal Emissions [NAA] = California Emissions [NAS] = 50 State Emissions [NA1] = Export Emissions [NA1] = Export Emissions									
1					BRACKET, Engine Mount				
	52060197AC	1	J, U	EN0					
		1	J, T, U	EN0					
2					ISOLATOR, Engine Mount				
	52060196AD	2	J, U	EN0					
		2	J, T, U	EN0					
3	52060195AD	1	J, T, U	EN0	BRACKET, Engine Mount				
4					ISOLATOR, Engine Mount				
	52060196AD	2	J, U	EN0					
		2	J, T, U	EN0					
5	52126183AB	1	U	EN0	SHIELD, Heat				
6					BOLT, M12x1.75x35.00				
	06102414AA	8	J, U	EN0	Bracket To Engine Block, Mounting				
		8	J, T, U	EN0	Bracket To Engine Block, Mounting				
7	06502835	2	J, T, U	EN0	NUT, Hex Flange Lock, M12x1.75				

WRANGLER (JK)

SERIES P = PREMIUM T = JEEP - 2WD S = SPORT J = JEEP - 4WD U = JEEP - 4WD (RHD) M = MEDIUM L = LOWLINE

BODY 74 = SPORT UTILITY 4-DR Generation Engine

TYPE #4

ENGINE

TRANSMISSION 72 = SPORT UTILITY 2-DR EGT = 3.8L V6 SMPI Engine DEH = 6-Speed Manual NSG370 TYPE #2 ENS = 2.8L 4 Cyl TD Next Transmission DGV = 4-Spd. Automatic VLP 42RLE