

§KDI1903M/26 (#DSC)

Last update 07/04/2024

Print date 11/04/2024

Spec ED795025-1		Description §KDI1903M/26 (#DSC)	
Specification attributes			
Horse power	30,00 kW	Idle speed	980 +/- 50
High speed	2.600 rpm	Status	Inactive

Group list

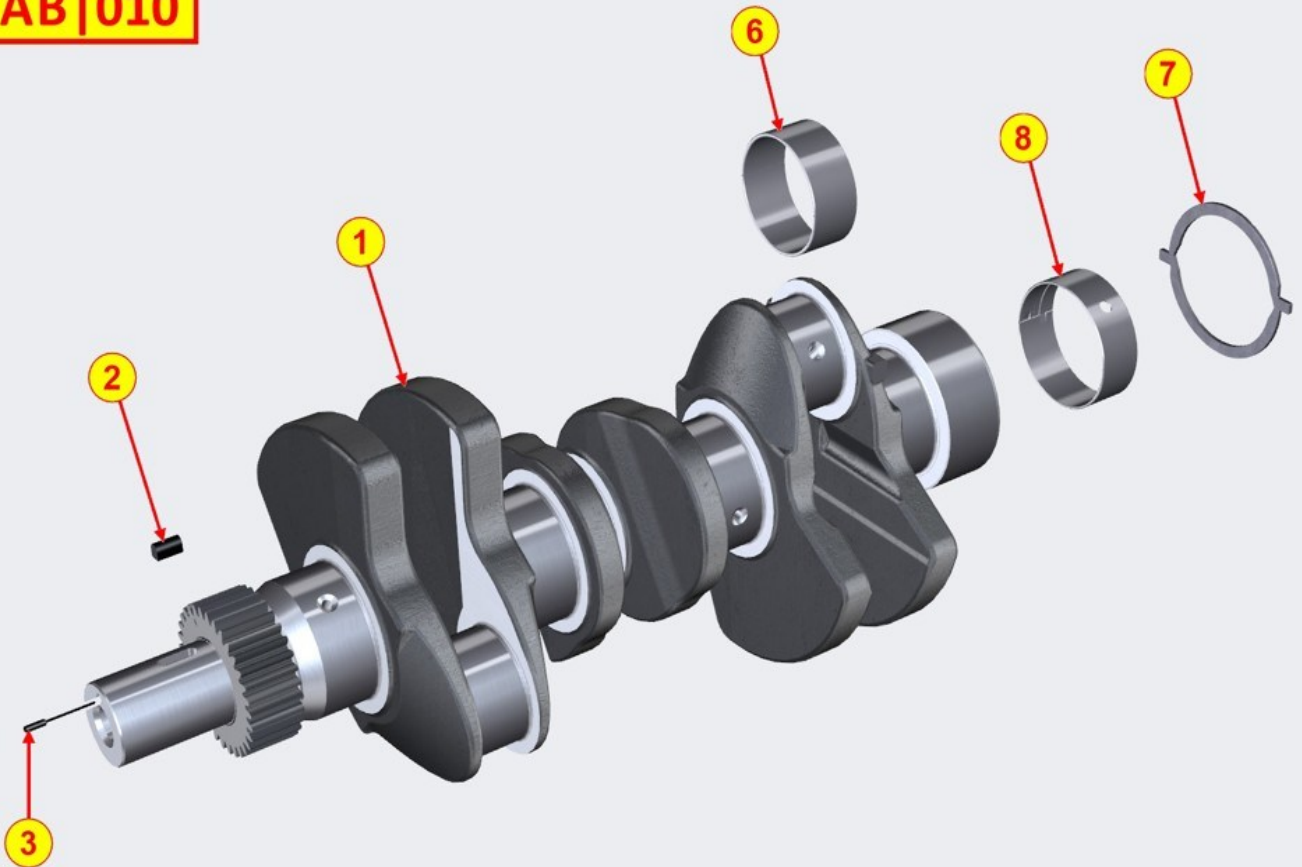
Group	Description
8010700050	CRANKSHAFT
8011700130	PISTON / CONNECTING ROD
8012700030	FLYWHEEL
8014700250	PULLEYS / BELT
8020700580	CRANKCASE
8021700760	CYLINDER HEAD
8022700450	HEAD COVER
8023700040	FLYWHEEL SIDE SUPPORT
8025700010	ENGINE MOUNTS
8027700200	TIMING SYSTEM COVER
8030701210	INJECTION SYSTEM
8035700240	CAMSHAFT
8036700220	ROCKER ARMS / VALVES
8038700350	TIMING SYSTEM
8041700490	OIL PAN
8042700010	OIL FILTER
8043700220	OIL DIPSTICK

8045700150	BREATHER SYSTEM
8047700020	OIL COOLER
8048700030	OIL FILLING KIT
8061700410	FUEL FILTER
8062700110	FUEL FEED PUMP
8064700110	FUEL LINES
8068700010	COOLANT HOSES
8071700110	COOLING FAN
8074700060	THERMOSTAT UNIT
8077700230	COOLANT PUMP
8079700010	FITTING FOR CAB HEATING
8080700140	AIR INLET MANIFOLD / AIR FILTER
8082700100	AIR INLET ACCESORIES
8085700300	EXHAUST GAS MANIFOLD
8089700040	EGR VALVE
8100700110	VOLTAGE ALTERNATOR
8101700010	STARTING MOTOR
8102700070	OIL PRESSURE SWITCH
8104700020	TEMPERATURE SENSORS

8106700070	GLOW PLUGS / PRE-HEATING RELAY
8107701380	ECU - DCU - ELECTRONIC CONTROLS
8140700010	3rd PTO
8153700010	PHASE SENSOR
8160700090	ENGINE FLANGE / BACKPLATE

CRANKSHAFT - Group: 8010700050

TAB|010

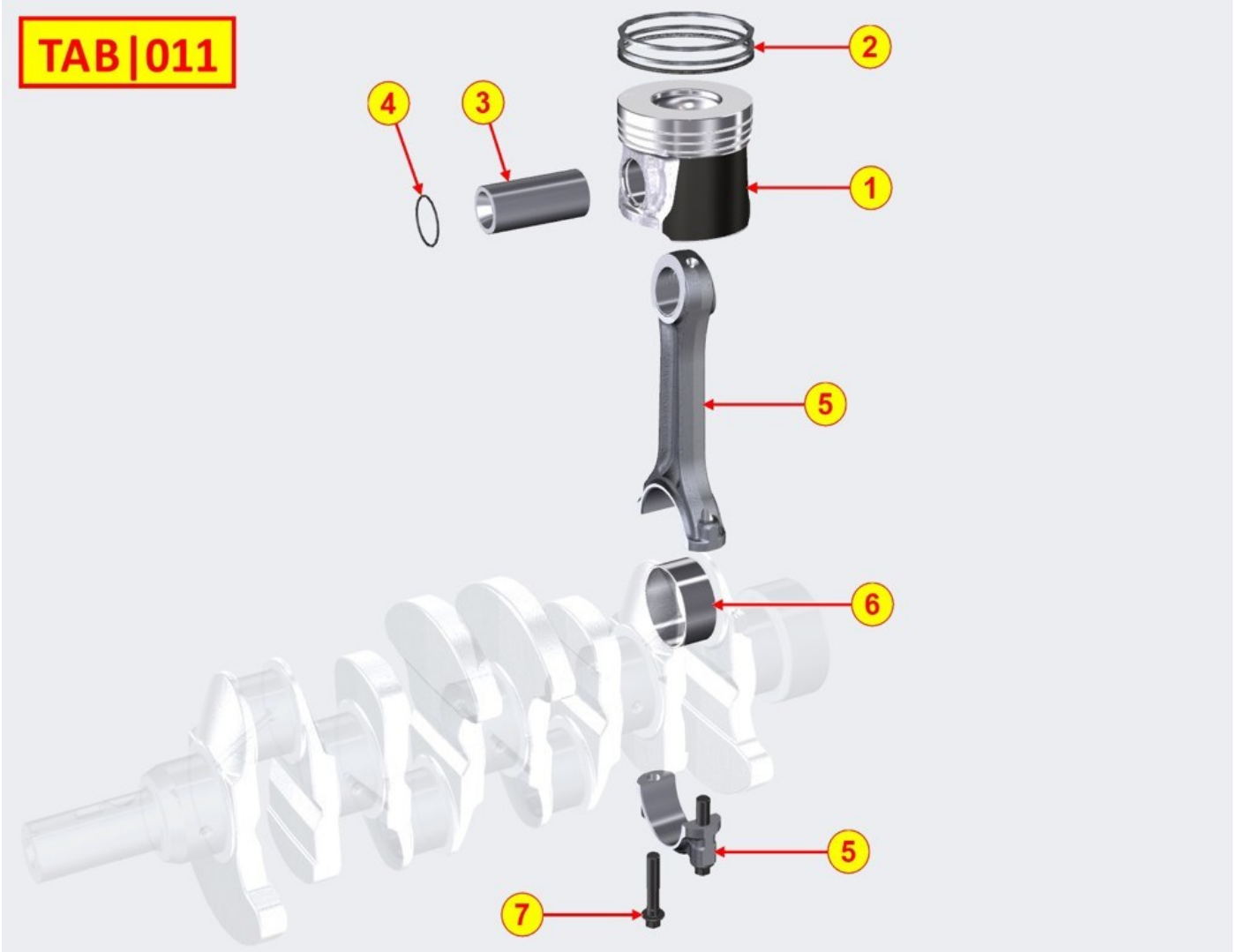


CRANKSHAFT - Group: 8010700050

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1	A		ED0010508850-S	Crankshaft	1	
2		(A)	ED0022801550-S	Key	1	
3		(A)	ED0084000480-S	Pin	1	

PISTON / CONNECTING ROD - Group: 8011700130

TAB|011



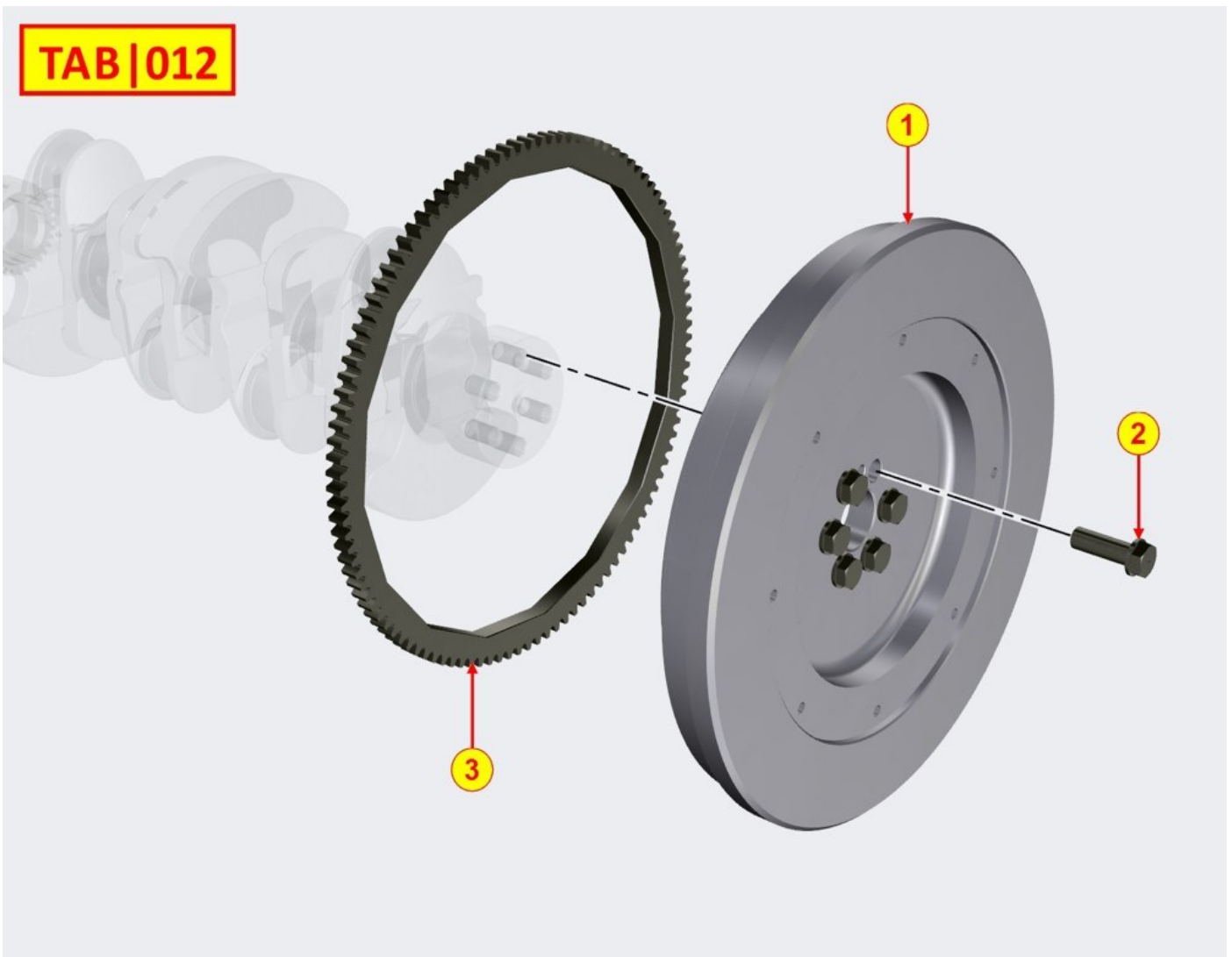
PISTON / CONNECTING ROD - Group: 8011700130

Pos	Kit	Included in	Part #	Description	QTY	Tech info
0			ED0016300850-S	Conrod bushing	1	
1	A		ED0065026310-S	Piston ass.y	3	
2		(A)	ED0082112870-S	Rings kit	3	
3		(A)	ED0084801220-S	Piston pin	3	
4		(A)	ED0011750970-S	Ring	6	

5	B	ED0015263490-S	Connecting rod	3
6		ED0016401550-S	Bearing	3/4
7	(B)	ED0017801810-S	Screw	6/8

FLYWHEEL - Group: 8012700030

TAB|012

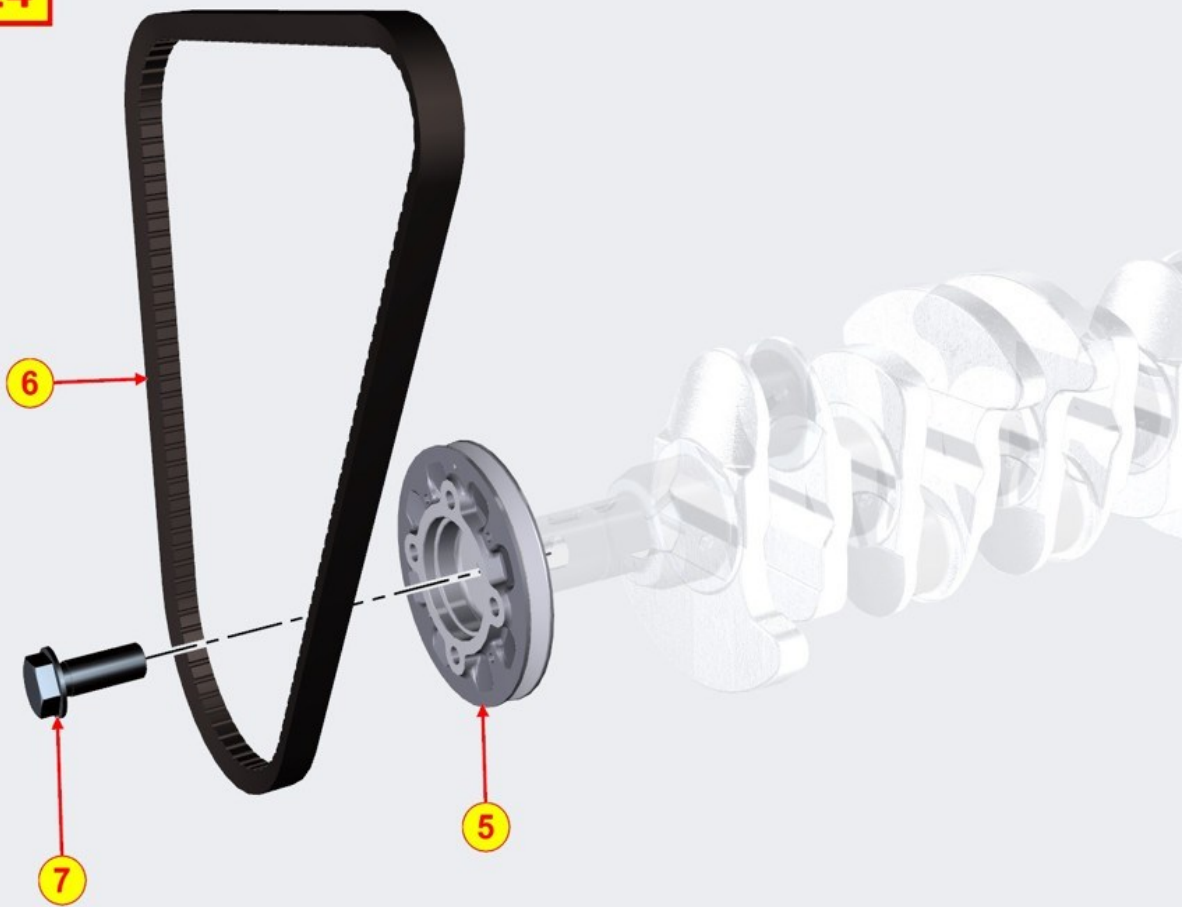


FLYWHEEL - Group: 8012700030

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1	A		ED0098816860-S	Flywheel	1	
2			ED0018620890-S	Screw	6	
3		(A)	ED0028162450-S	Ring gear	1	

PULLEYS / BELT - Group: 8014700250

TAB|014

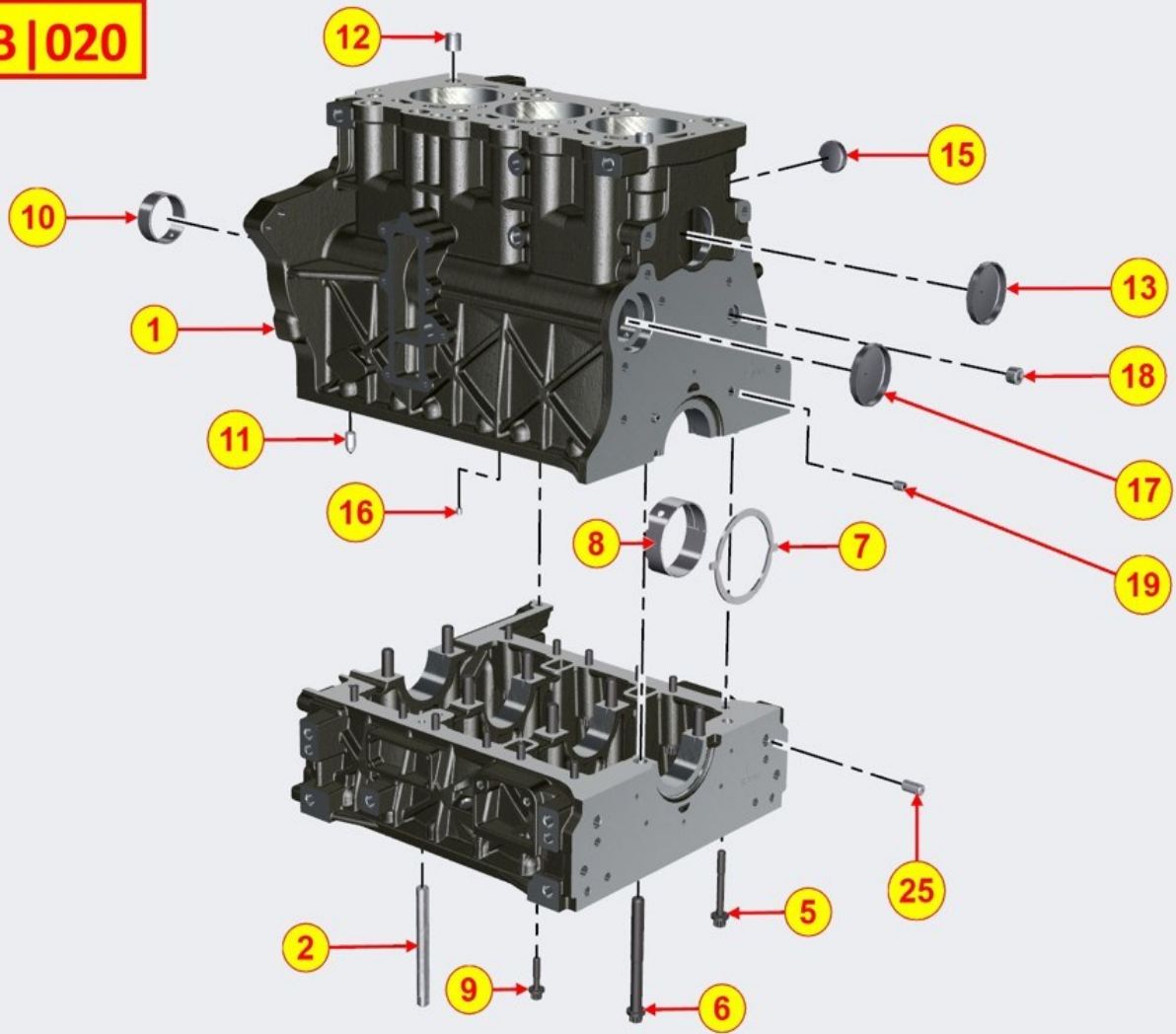


PULLEYS / BELT - Group: 8014700250

Pos	Kit	Included in	Part #	Description	QTY	Tech info
5			ED0069754260-S	Pulley	1	
6			DISC.	not available	1	
7			ED0098653190-S	CRANKSHAFT BOLT	1	

CRANKCASE - Group: 8020700580

TAB | 020



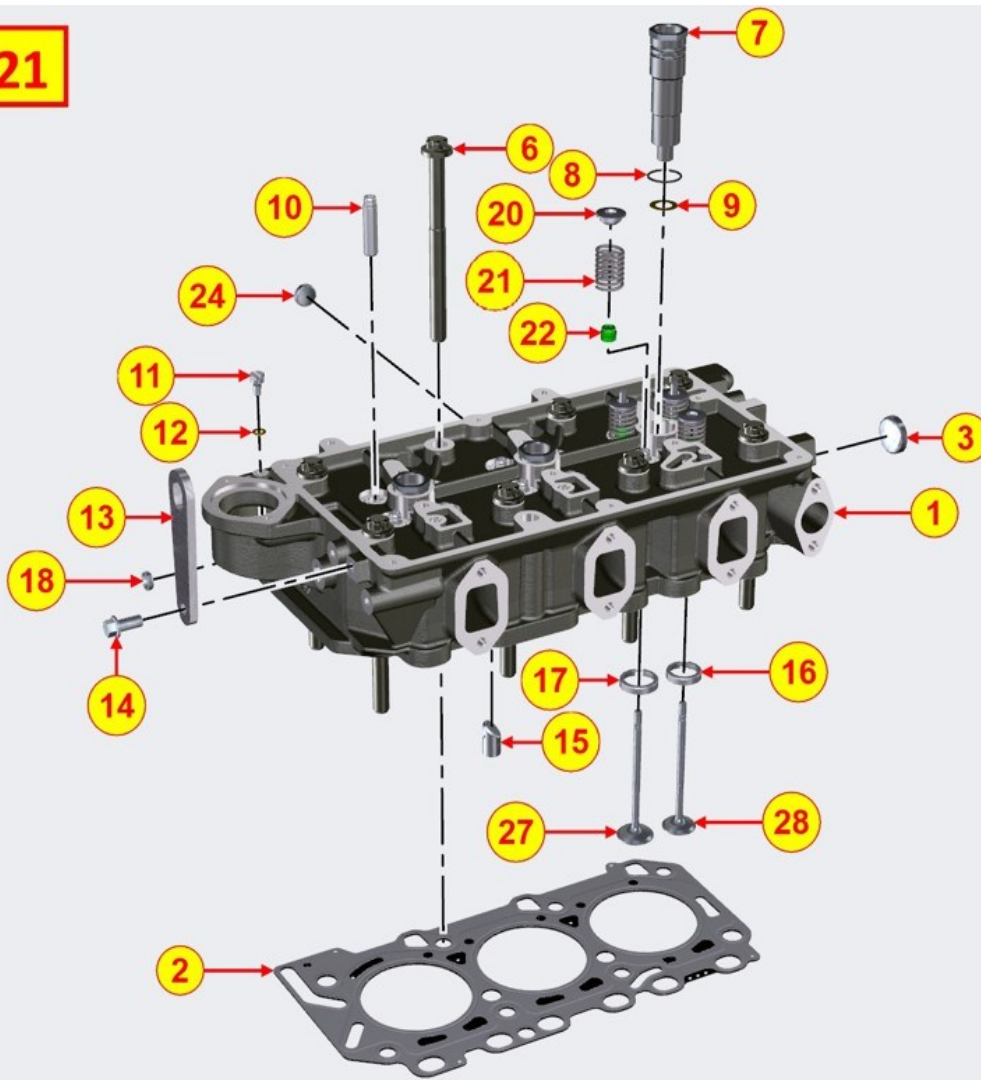
CRANKCASE - Group: 8020700580

Pos	Kit	Included in	Part #	Description	QTY	Tech info
0			ED0082051330-S	Crankcase Gasket Set KDI 1903-2504	1	
1	A		ED0015116180-S	Crankcase	1	⚠
2			ED0095801170-S	Pipe	1	
5		(A)	ED0097660040-S	Screw	12	
6		(A)	ED0097660030-S	Screw	10/8	

7		ED0012572800-S	Thrust washer	2
8		ED0016112630-S	Bearing	4/5
9	(A)	ED0097660050-S	Screw	1
10	(A)	ED0015803260-S	Bushing	1
11	(A)	ED0084001560-S	Pin	2
12		ED0019701410-S	Bushing	2
15	(A)	ED0089900220-S	Cap	3/4
16	(A)	ED0090801320-S	Cap	3
17		ED0089900540-S	Cap	2
18		ED0089650970-S	Cap	1
19	(A)	ED0019704560-S	Bushing	2
21	(A)	ED0090150060-S	Cap	1
25		ED0084001080-S	Pin	2

CYLINDER HEAD - Group: 8021700760

TAB|021



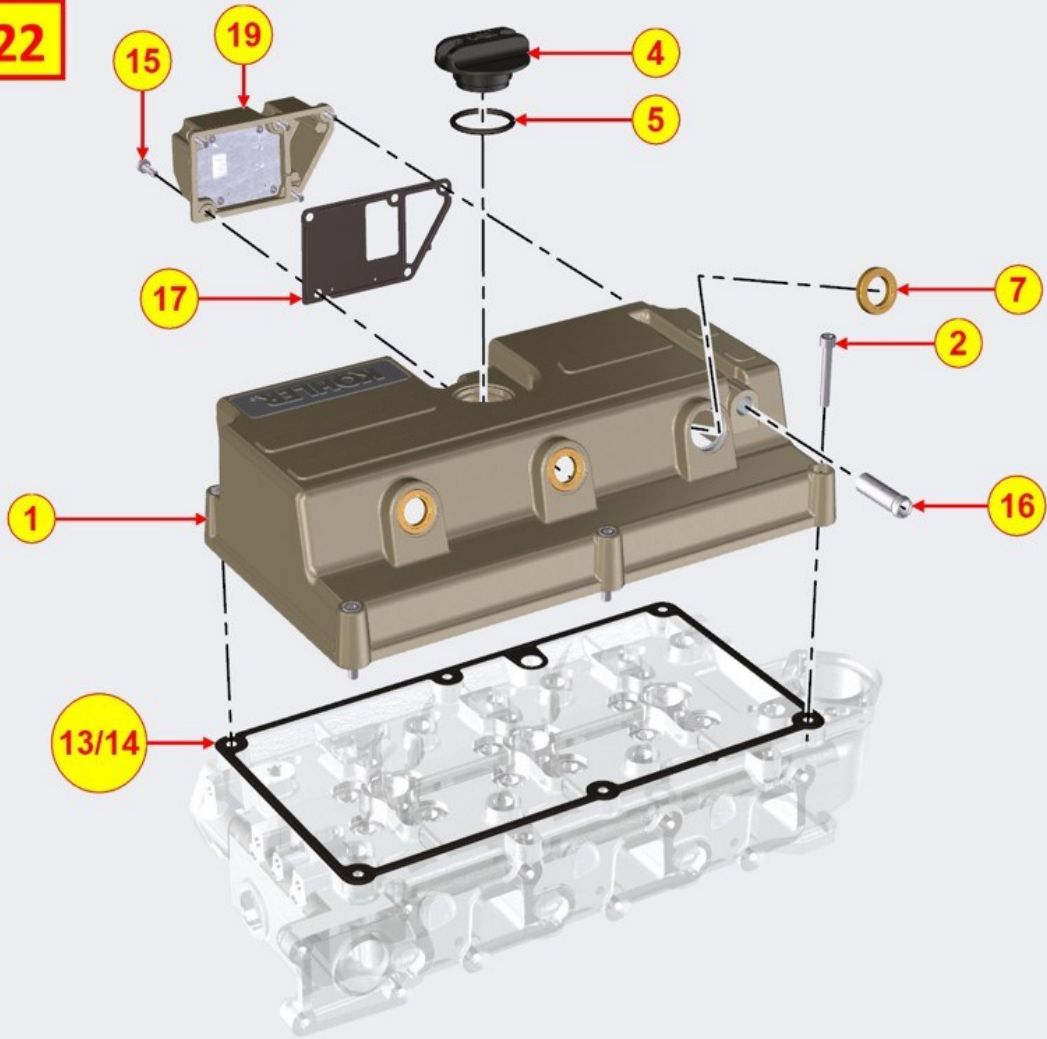
CYLINDER HEAD - Group: 8021700760

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1	A		ED0092020160-S	CYLINDER HEAD ASSY KD1903	1	⚠
2			ED0047311060-S	Cyl. head gasket 1 hole	1	⚠
2			ED0047311070-S	Cyl. head gasket 2 holes	1	⚠
2			ED0047311080-S	Cyl. head gasket 3 holes	1	⚠
3	(A)		ED0089900220-S	Cap	1	

6		ED0098202660-S	Screw	8	
7	(A)	ED0021101400-S	Sleeve	3	
8	(A)	ED0012004090-S	O-ring	6	
9	(A)	ED0046701470-S	Gasket	3	
10	(A)	ED0048452970-S	Guide	12	
13		ED0085464680-S	Bracket	2	
14		ED0017701110-S	Screw	4	
15		ED0019705140-S	Bushing	2	
16	(A)	ED0080003730-S	Valve seat - Exhaust	6	
17	(A)	ED0080003740-S	Valve seat - Intake	6	
18	(A)	ED0089900420-S	Cap	3	
24	(A)	ED0090801080-S	Cap	2	

HEAD COVER - Group: 8022700450

TAB|022



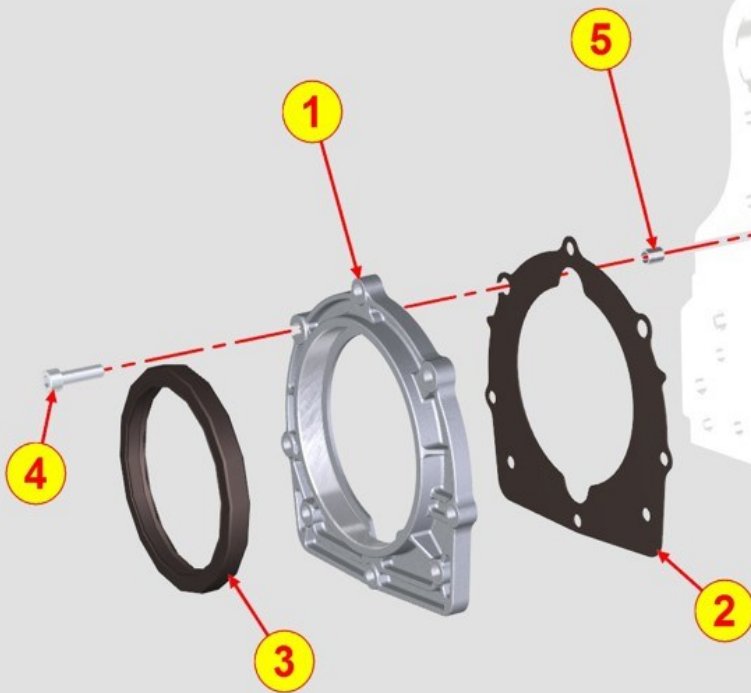
HEAD COVER - Group: 8022700450

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1	A		ED0021259300-S	Rocker arm cover	1	⚠
2			ED0097320160-S	Screw	6	
4	(A)		ED0090321350-S	Filler cap	1	
5	(A) (C) (D)		ED0012000150-S	O-ring	1	
7	(A) (B) (D)		ED0012135720-S	Seal ring	3	

11	B	ED0082051350-S	Head Cover complete Gasket Set 2504TCR	1
11	B	ED0082051370-S	Head Cover complete Gasket Set 2504M	1
12	D	ED0082051320-S	Cylinder Head complete Gasket Set 2504	1
13	B	ED0082051340-S	Head Cover complete Gasket Set 1903TCR	1
13	B	ED0082051360-S	Head Cover complete Gasket Set 1903M	1
14	D	ED0082051310-S	Cylinder Head complete Gasket Set 1903	1
15	(A)	ED0097610460-S	Screw	5
16	(A)	ED0095800640-S	Pipe	1
17	(A) (D)	ED0045802540-S	Gasket	1
19	(A)	ED0026101480-S	Cover	1

FLYWHEEL SIDE SUPPORT - Group: 8023700040

TAB. | 023

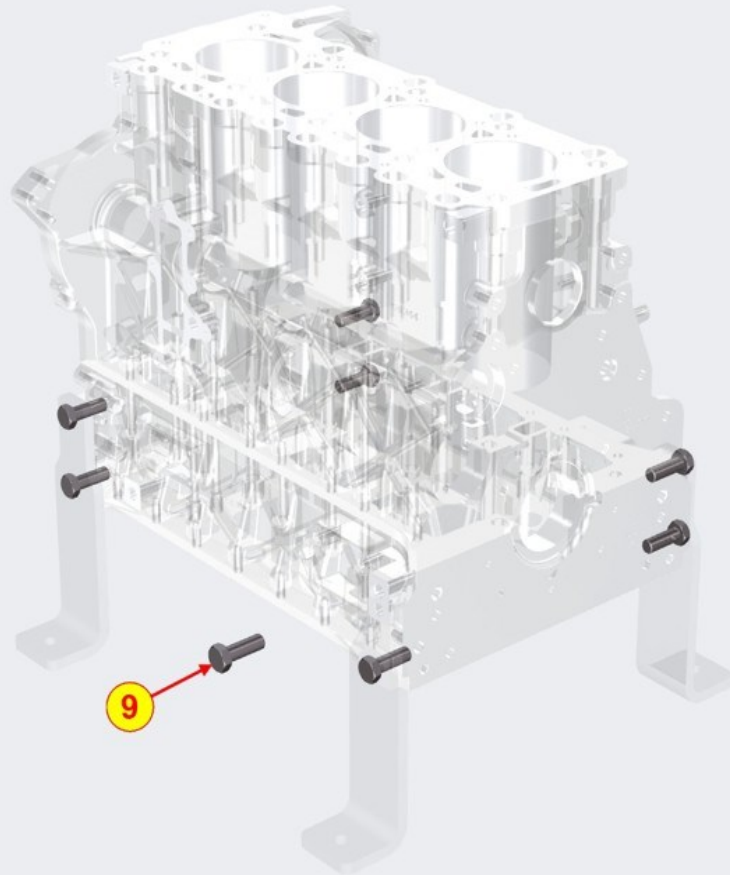


FLYWHEEL SIDE SUPPORT - Group: 8023700040

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1	A		ED0037901230-S	Flange	1	
2		(A)	ED0045011690-S	Gasket	1	
3		(A)	ED0012135470-S	Seal ring	1	
4			ED00992R0460-S	VITE/SCREW M.6X22 5931 8.8+Zn.b	8	
5			ED0019704560-S	Bushing	2	

ENGINE MOUNTS - Group: 8025700010

TAB | 025

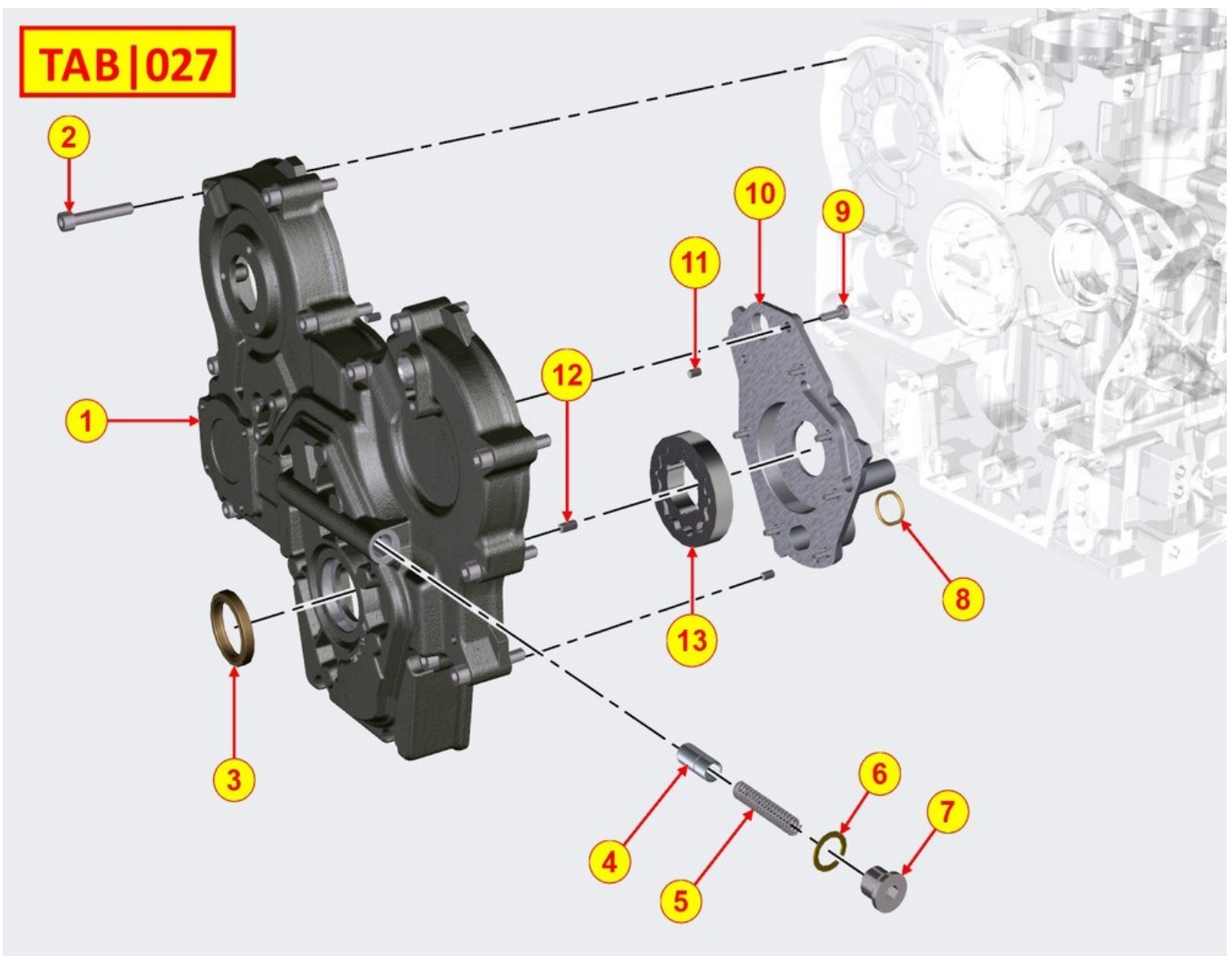


ENGINE MOUNTS - Group: 8025700010

Pos	Kit	Included in	Part #	Description	QTY	Tech info
9			ED0017900240-S	Screw	8	

TIMING SYSTEM COVER - Group: 8027700200

TAB|027



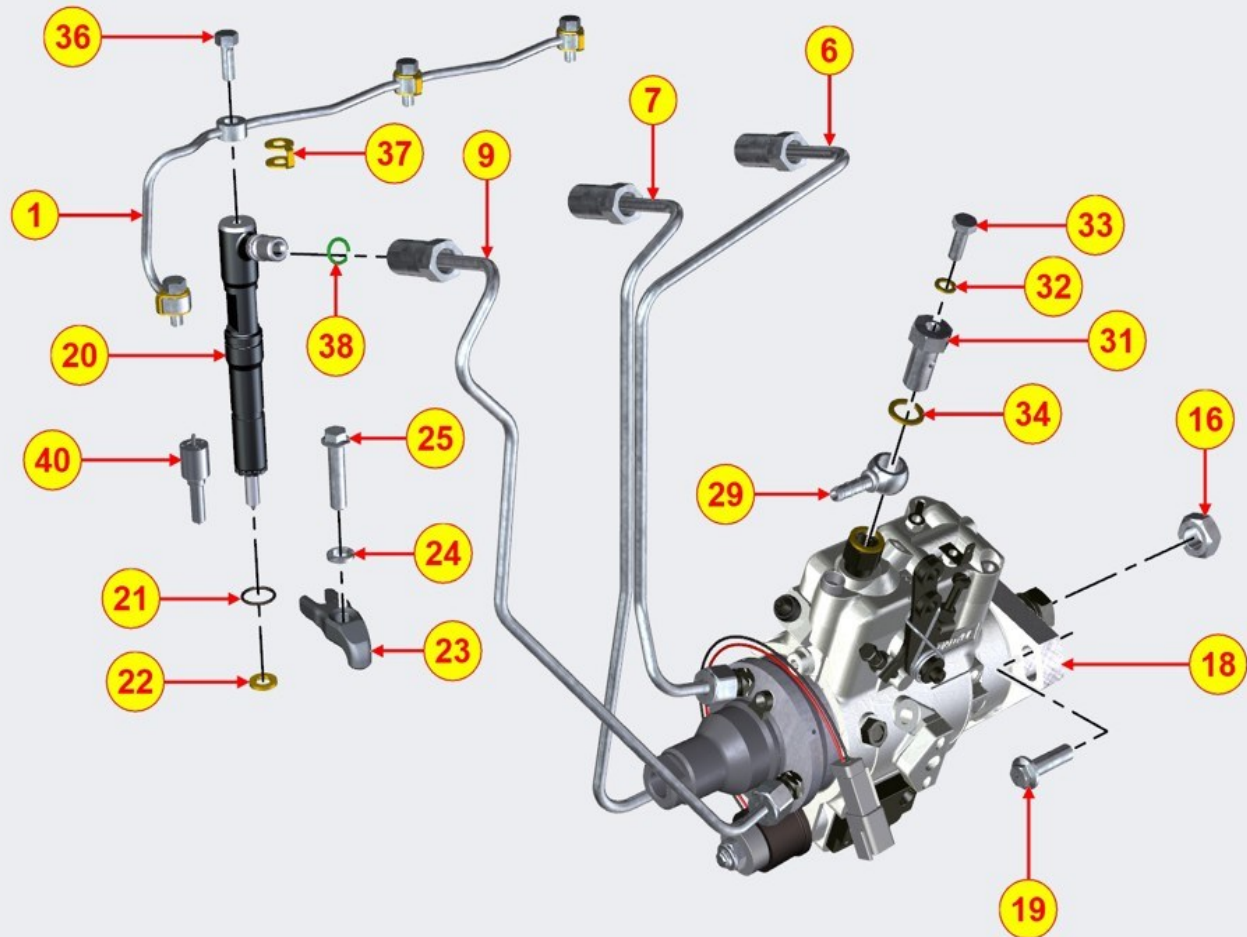
TIMING SYSTEM COVER - Group: 8027700200

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1	(A)		ED0066580390-S	Timing Gear Cover	1	⚠
2			ED0097300320-S	Screw	15	
3			ED0012135500-S	Seal ring	1	
4	(A)		ED0064950840-S	Plunger	1	
5	(A)		ED0056250300-S	Spring	1	

6	(A)	ED0046700190-S	Gasket	1
7	(A)	ED0090150110-S	Cap	1
8		ED0012000810-S	O-ring	1
12		ED0084000200-S	Pin	2

INJECTION SYSTEM - Group: 8030701210

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INJECTION SYSTEM - Group: 8030701210

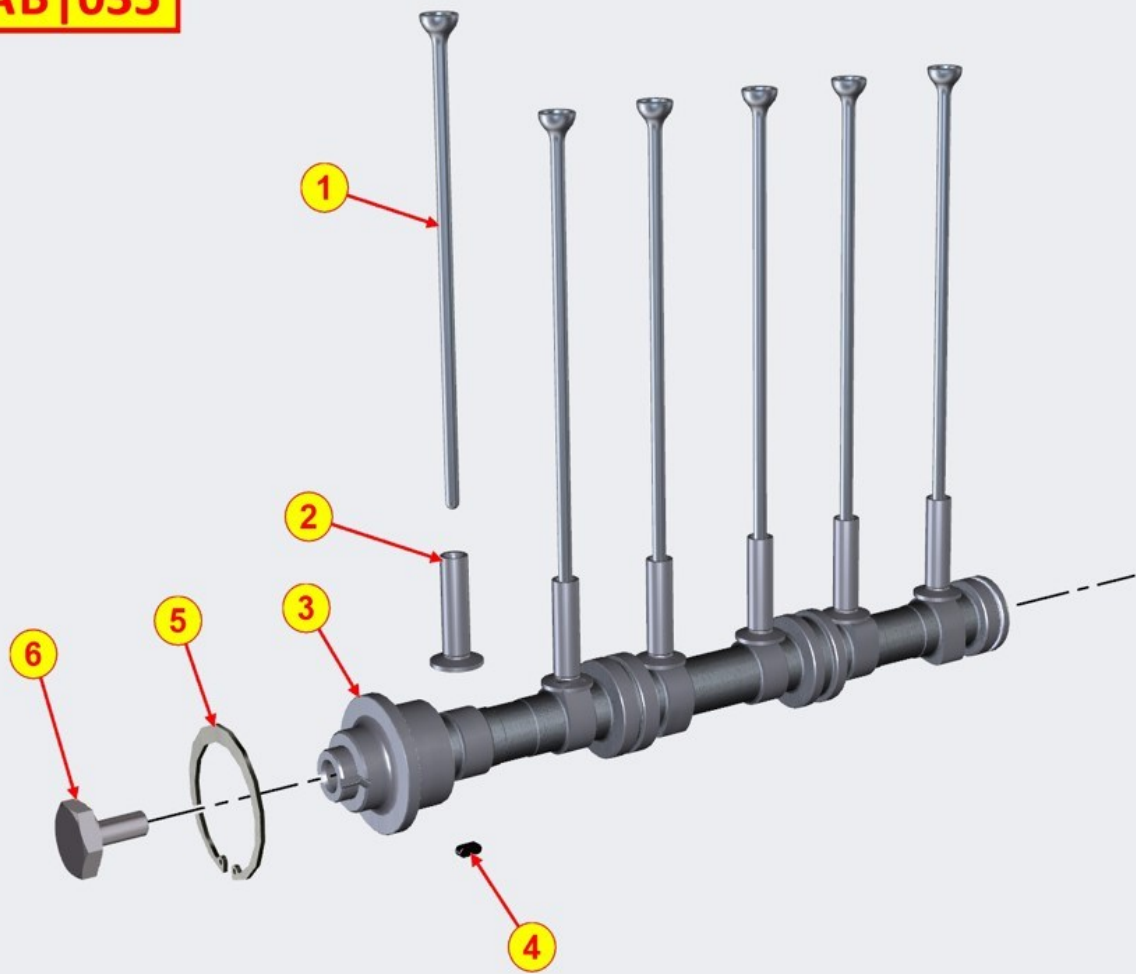
Pos	Kit	Included in	Part #	Description	QTY	Tech info
0			ED0024710190-S	Cable tie	1	
1	C		ED0095712810-S	Fuel return hose	1	
6			ED0093765960-S	Fuel pipe	1	
7			ED0093765950-S	Fuel pipe	1	
9			ED0093765940-S	Fuel pipe	1	

16		ED0032402050-S	Nut	1
18		ED0065905350-S	Injection pump	1
19		ED0017702230-S	Screw	3
20	B	ED0050107480-S	Injector - RSN-A	3
21		ED0012004100-S	O-ring	3
22		ED0046701010-S	Gasket (0.5mm)	3/4
22		ED0046701330-S	Gasket (1.5mm)	3/4
22		ED0046701420-S	Gasket (2.5mm)	3
22		ED0046701430-S	Gasket (2mm)	3/4
22		ED0046701760-S	Gasket (1mm)	3/4
23		ED0085463830-S	Bracket	3
24		ED0076253780-S	Washer	3
25		ED0017701780-S	Screw	3
29		ED0072701090-S	Joint	1
31		ED0019010310-S	Union screw	1
32		ED0046700010-S	Gasket	1
33		ED0090800370-S	Cap	1
34		ED0046700600-S	Gasket	2
36	(C)	ED0019012020-S	Union screw	4

37	(C)	ED0046701750-S	Gasket	4
38		ED0012002860-S	O-ring	3/4
40	(B)	ED0065318600-S	Nozzle	3/4

CAMSHAFT - Group: 8035700240

TAB | 035



CAMSHAFT - Group: 8035700240

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0014100010-S	Pushrod	6	
2			ED0072151870-S	Tappet	6	
3			ED0010100380-S	Camshaft	1	
4			ED0022000020-S	Key	1	
5			ED0012400570-S	Snap ring	1	

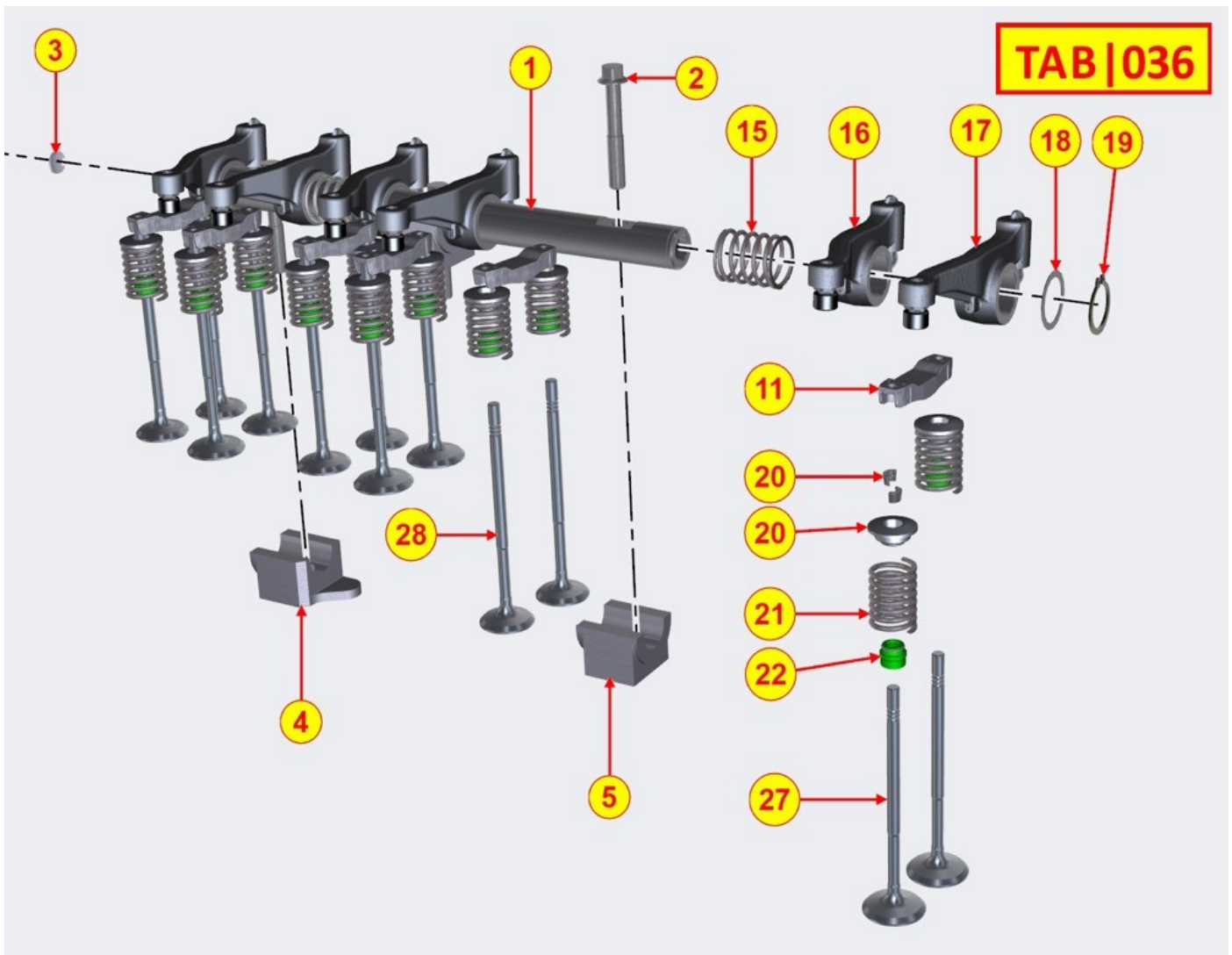
6

ED0017801040-S

Screw

1

ROCKER ARMS / VALVES - Group: 8036700220



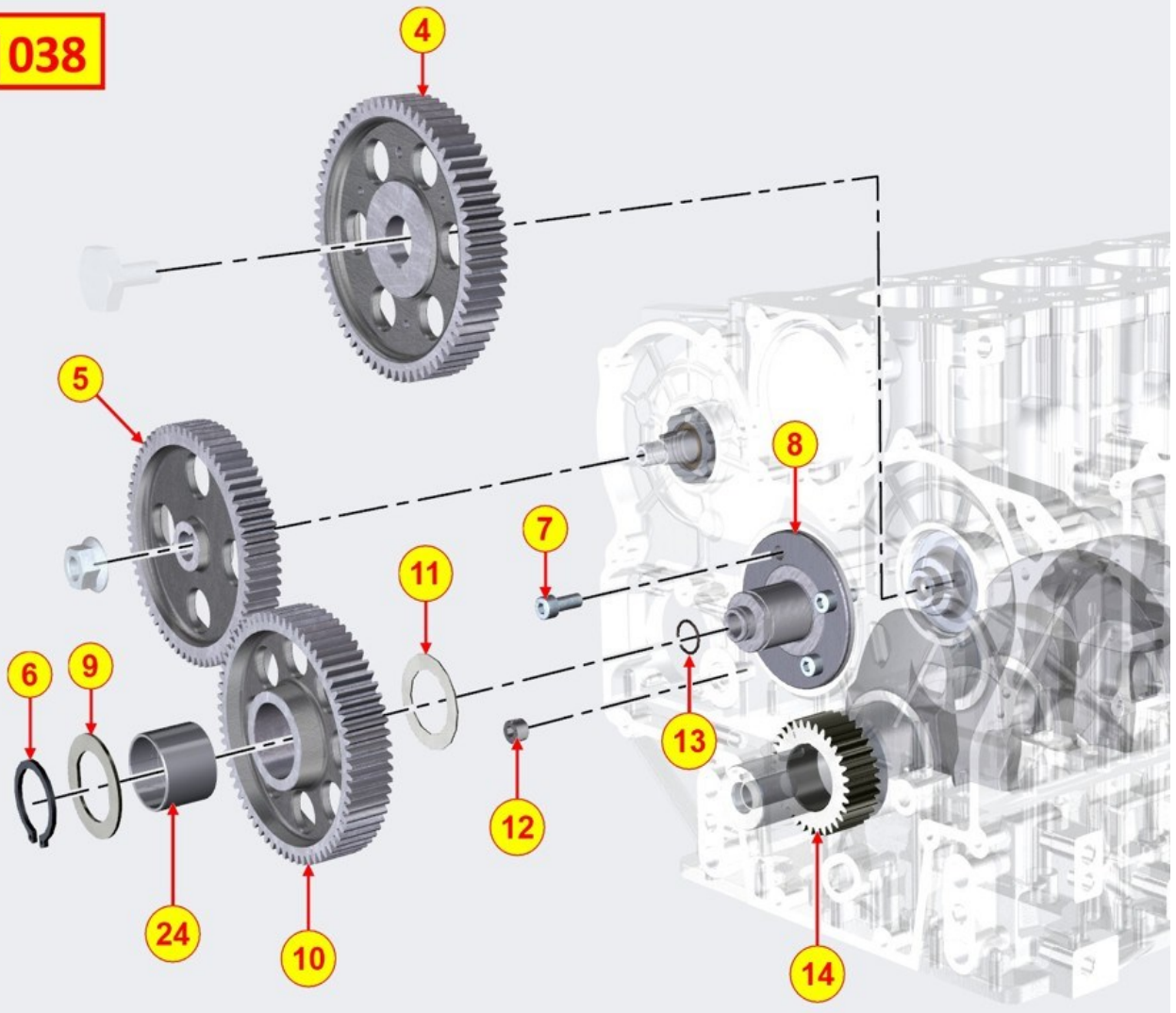
ROCKER ARMS / VALVES - Group: 8036700220

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1	A		ED0060452410-S	Rocker arm shaft	1	
2			ED0017702250-S	Screw	3	
11			ED0021831240-S	U-bolt	6	⚠
15		(A)	ED0056150200-S	Spring	2	
16		(A)	ED0015413680-S	rocker arm	3	⚠

17	(A)	ED0015413670-S	rocker arm	3	
18	(A)	ED0077012980-S	Washer	2	
19	(A)	ED0012401040-S	Snap ring	2	
20		ED0064101450-S	Valve spring retainer	12	
21		ED0057551850-S	Spring	12	
22		ED0012611300-S	Ring	12	
27		ED0096521970-S	Intake valve	6	
28		ED0096851910-S	Exhaust valve	6	




TIMING SYSTEM - Group: 8038700350

TAB | 038



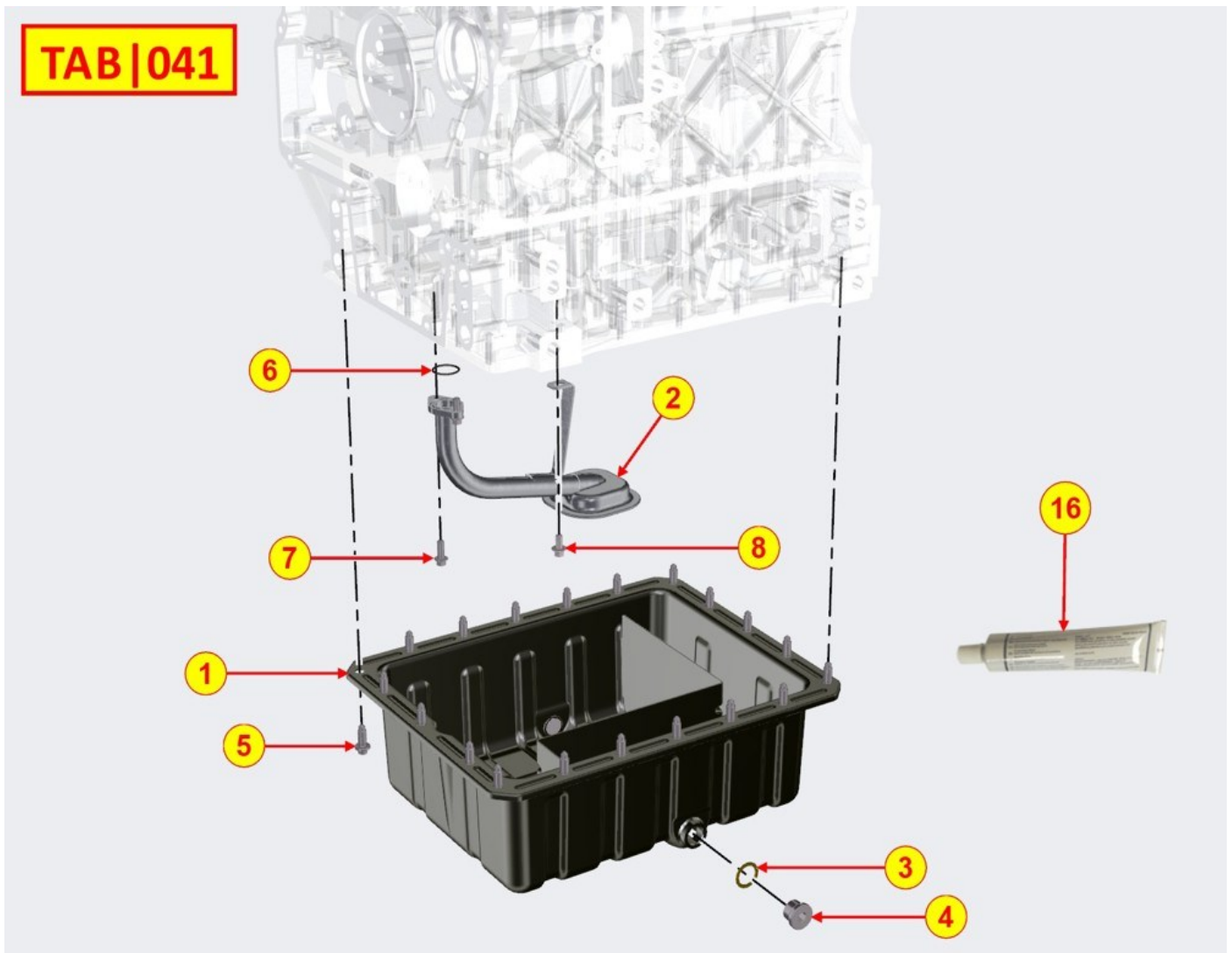
TIMING SYSTEM - Group: 8038700350

Pos	Kit	Included in	Part #	Description	QTY	Tech info
4			ED0049363410-S	Gear	1	
5			ED0049363430-S	Gear	1	
6			V.M.	see technical modification document	1	
7			ED0097320740-S	Screw	4	
8			ED0061301250-S	Gear shaft	1	⚠

9		V.M.	see technical modification document	1	
10	B	ED0049364460-S	Gear	1	
12		ED0089650970-S	Cap	1	
13		ED0012002190-S	O-ring	1	
24	(B)	ED0015803360-S	Bushing	1	
25		ED0012572980-S	Thrust washer	1	

OIL PAN - Group: 8041700490

TAB | 041

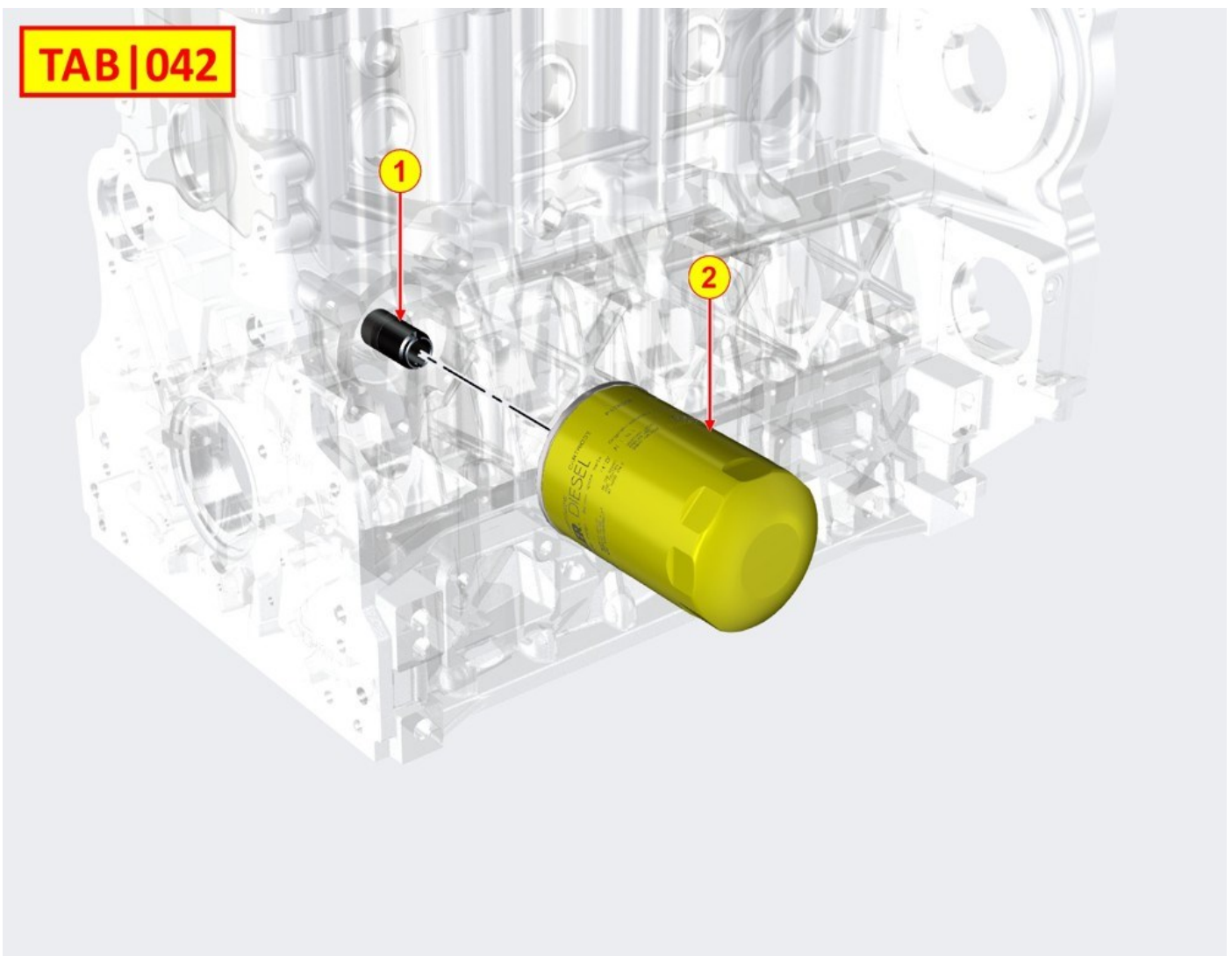


OIL PAN - Group: 8041700490

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1	A		ED0066459780-S	Oil sump	1	
2			ED0093202270-S	hose	1	
3			ED0046701810-S	Gasket	2	
4		(A)	ED0090400260-S	Cap	2	
5			ED0097660060-S	Screw	20	

6	ED0012002260-S	O-ring	1
7	ED0017601510-S	Screw	2
8	ED0017601960-S	Screw	1
16	ED0004041120-S	IDH 2061041 LOCTITE 5970 FLACONE 300 ML.	1

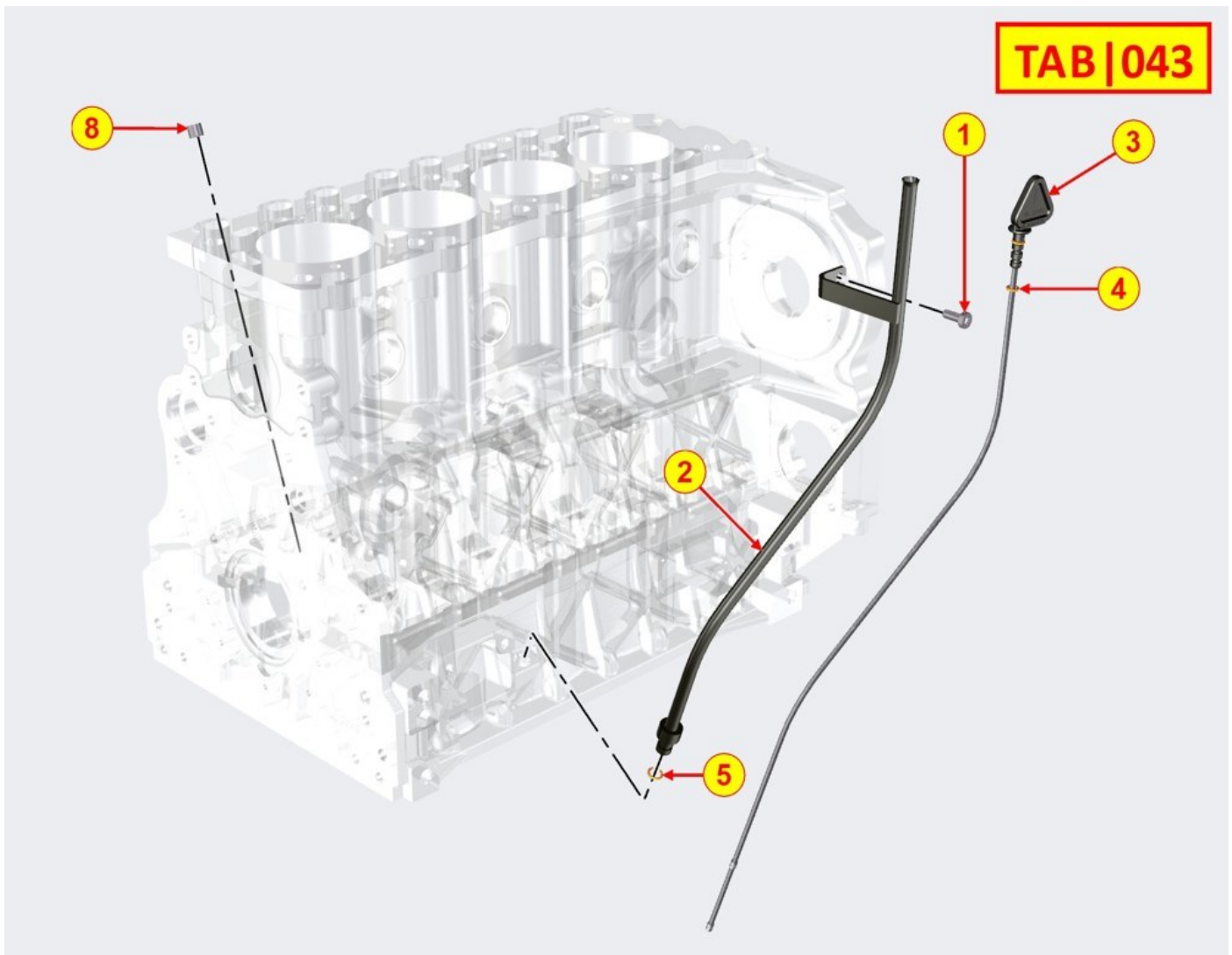
OIL FILTER - Group: 8042700010



OIL FILTER - Group: 8042700010

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0072650210-S	Joint	1	
2			ED0021752800-S	OIL CARTRIDGE	1	⚠

OIL DIPSTICK - Group: 8043700220



OIL DIPSTICK - Group: 8043700220

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0097610450-S	Screw	1	
2	B		ED0093301790-S	hose	1	
3	A		ED0014006160-S	Dipstick	1	
4		(A)	ED0012003280-S	O-ring	1	
5		(B)	ED0012000010-S	O-ring	1	

8

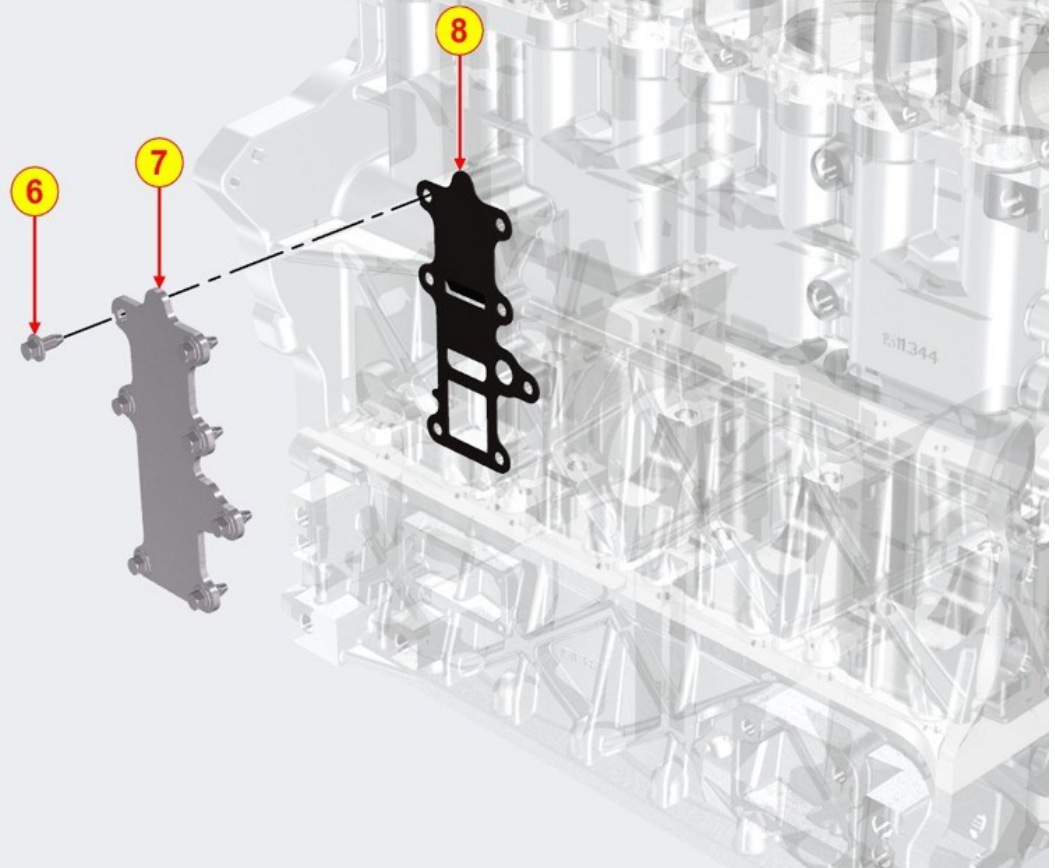
ED0090802850-S

Cap

1

BREATHER SYSTEM - Group: 8045700150

TAB | 045

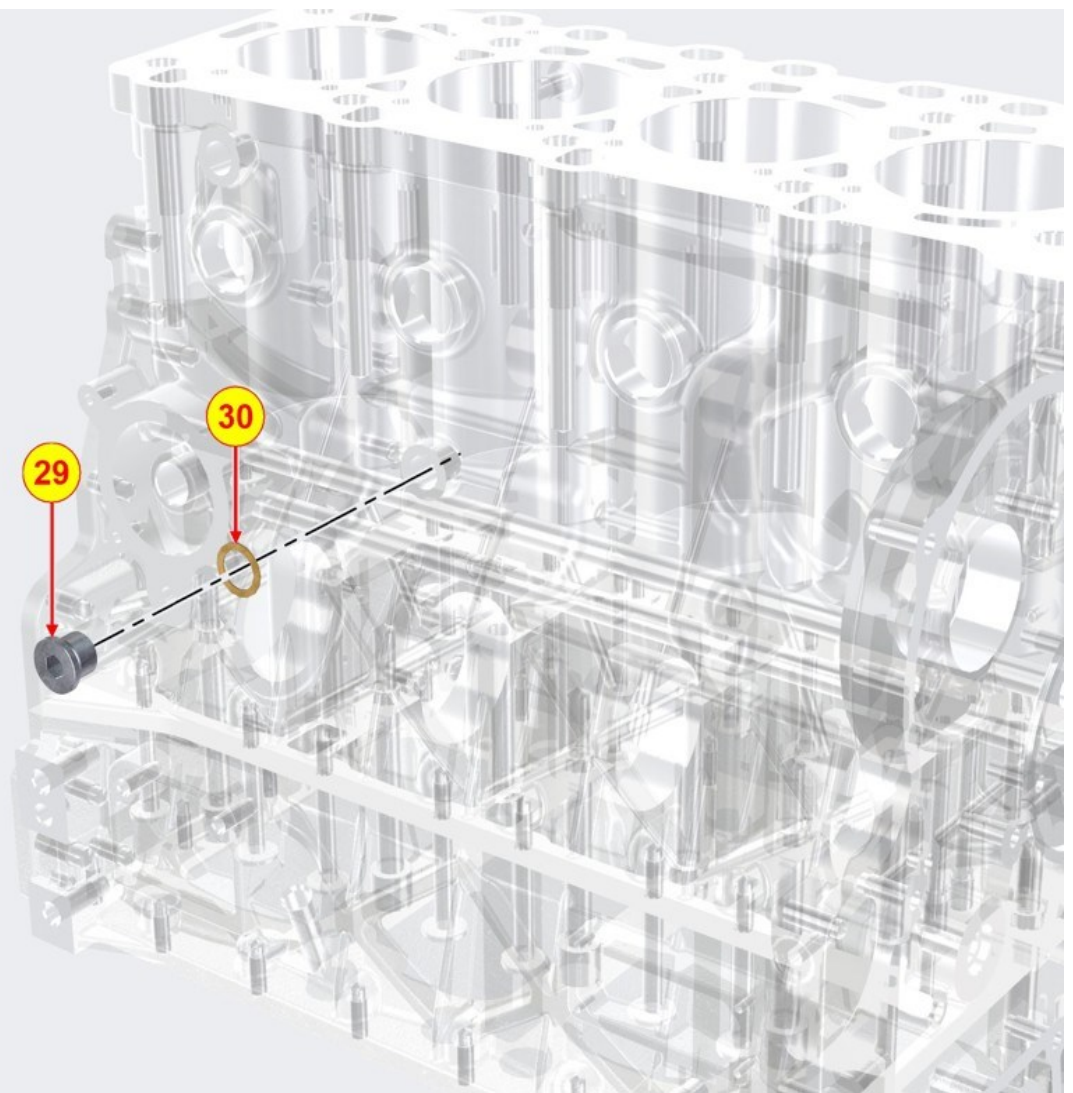


BREATHER SYSTEM - Group: 8045700150

Pos	Kit	Included in	Part #	Description	QTY	Tech info
6			ED0017601300-S	Screw	7	
7			ED0063707640-S	Plate	1	
8			ED0047757490-S	Gasket	1	

OIL COOLER - Group: 8047700020

TAB|047



OIL COOLER - Group: 8047700020

Pos	Kit	Included in	Part #	Description	QTY	Tech info
29			ED0090400310-S	Cap	1	
30			ED0046700190-S	Gasket	1	

OIL FILLING KIT - Group: 8048700030

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OIL FILLING KIT - Group: 8048700030

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0090321290-S	Filler cap	1	
2			ED0012000820-S	O-ring	1	
3			ED0012010980-S	O-ring	1	
4			ED0015700770-S	Union screw	1	
5			ED0097610460-S	Screw	3	

FUEL FILTER - Group: 8061700410

TAB | 061

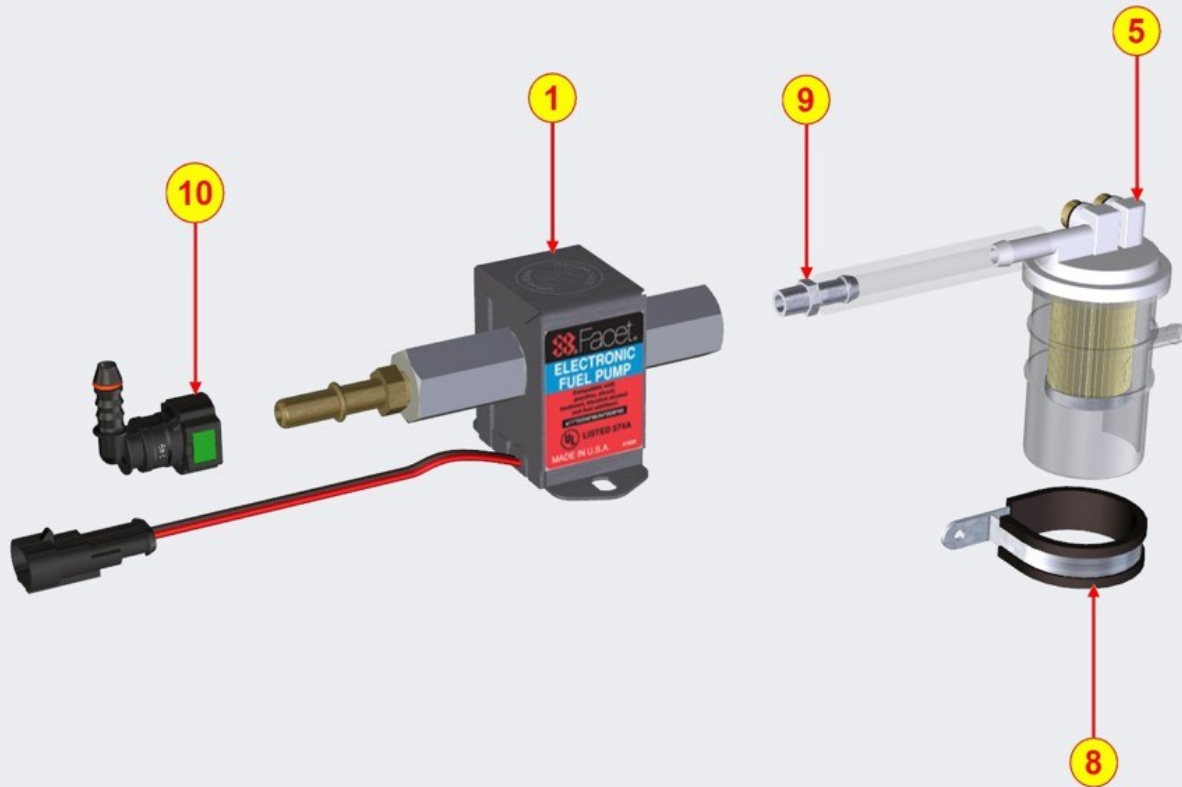


FUEL FILTER - Group: 8061700410

Pos	Kit	Included in	Part #	Description	QTY	Tech info
22	C		ED0037501370-S	Filter	1	⚠
23		(C)	ED0021753450-S	Filter cartridge	1	⚠

FUEL FEED PUMP - Group: 8062700110

TAB | 062

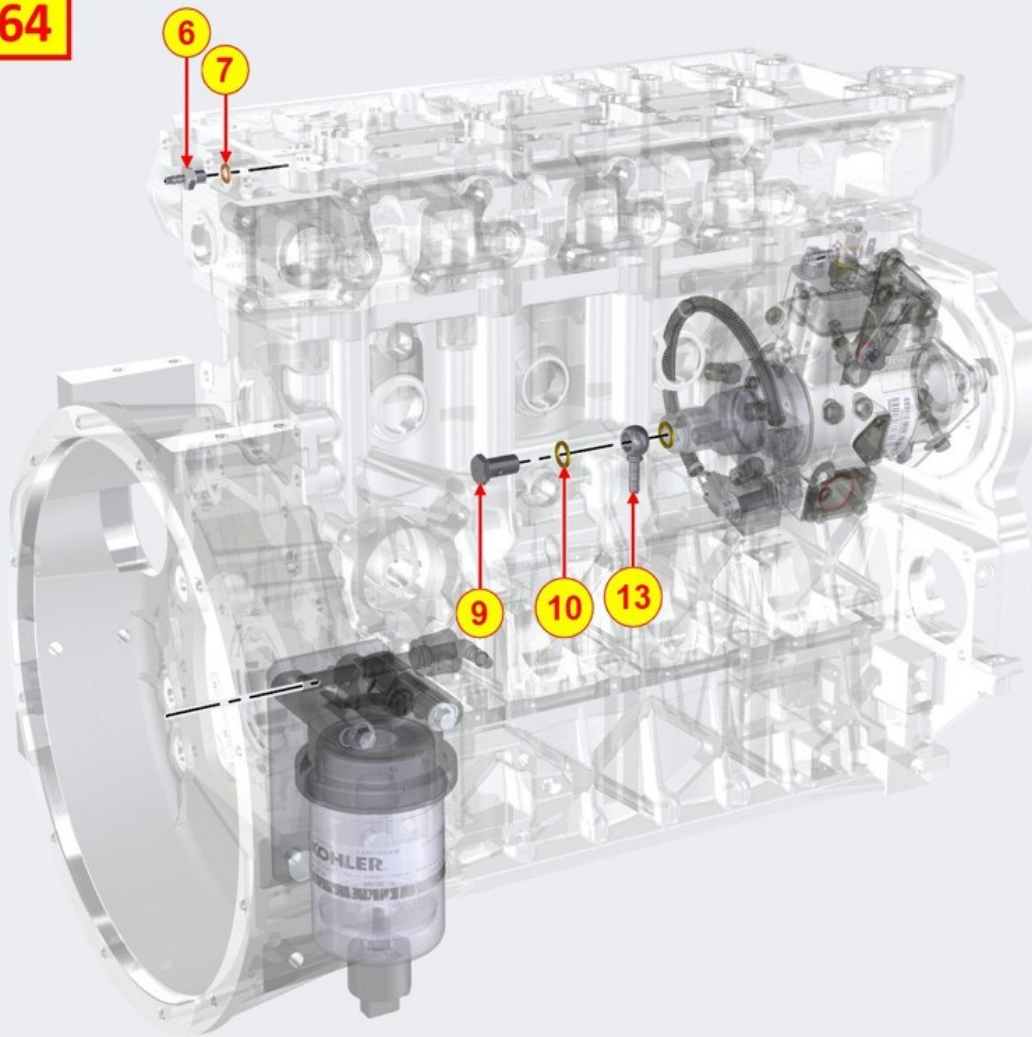


FUEL FEED PUMP - Group: 8062700110

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1	A		ED0065851700-S	Lift pump	1	⚠
5			ED0067270600-S	Fuel Pre-filter	1	⚠
8			ED0036172480-S	Clamp	1	⚠
10			ED0050251230-S	QUICK CONNECTOR 3/8"	1	⚠

FUEL LINES - Group: 8064700110

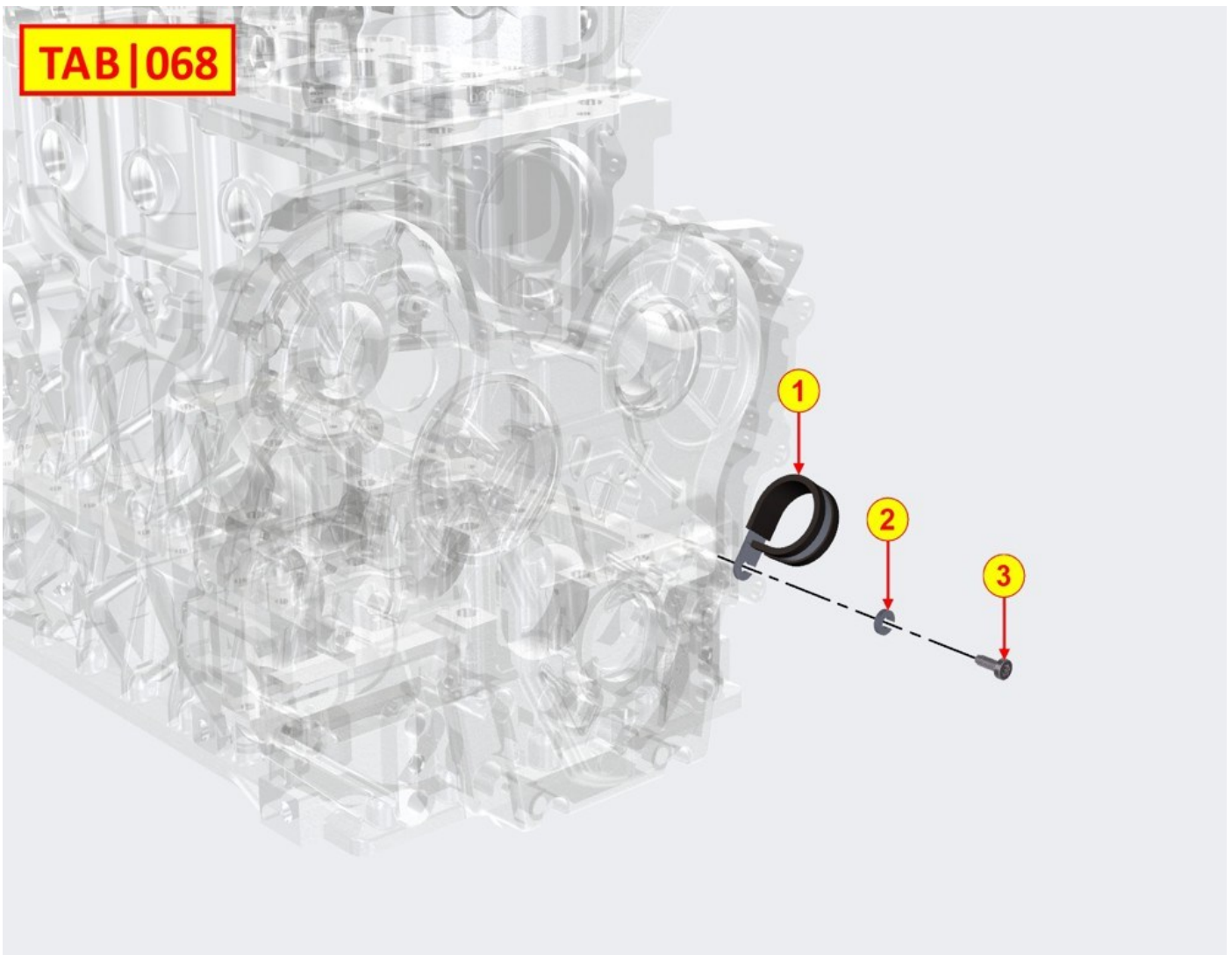
TAB | 064



FUEL LINES - Group: 8064700110

Pos	Kit	Included in	Part #	Description	QTY	Tech info
6			ED0072702720-S	Joint	1	
7			ED0046700580-S	Gasket	1	
9			ED0019010400-S	Union screw	1	
10			ED0046700600-S	Gasket	3	
13			ED0072701090-S	Joint	1	

COOLANT HOSES - Group: 8068700010

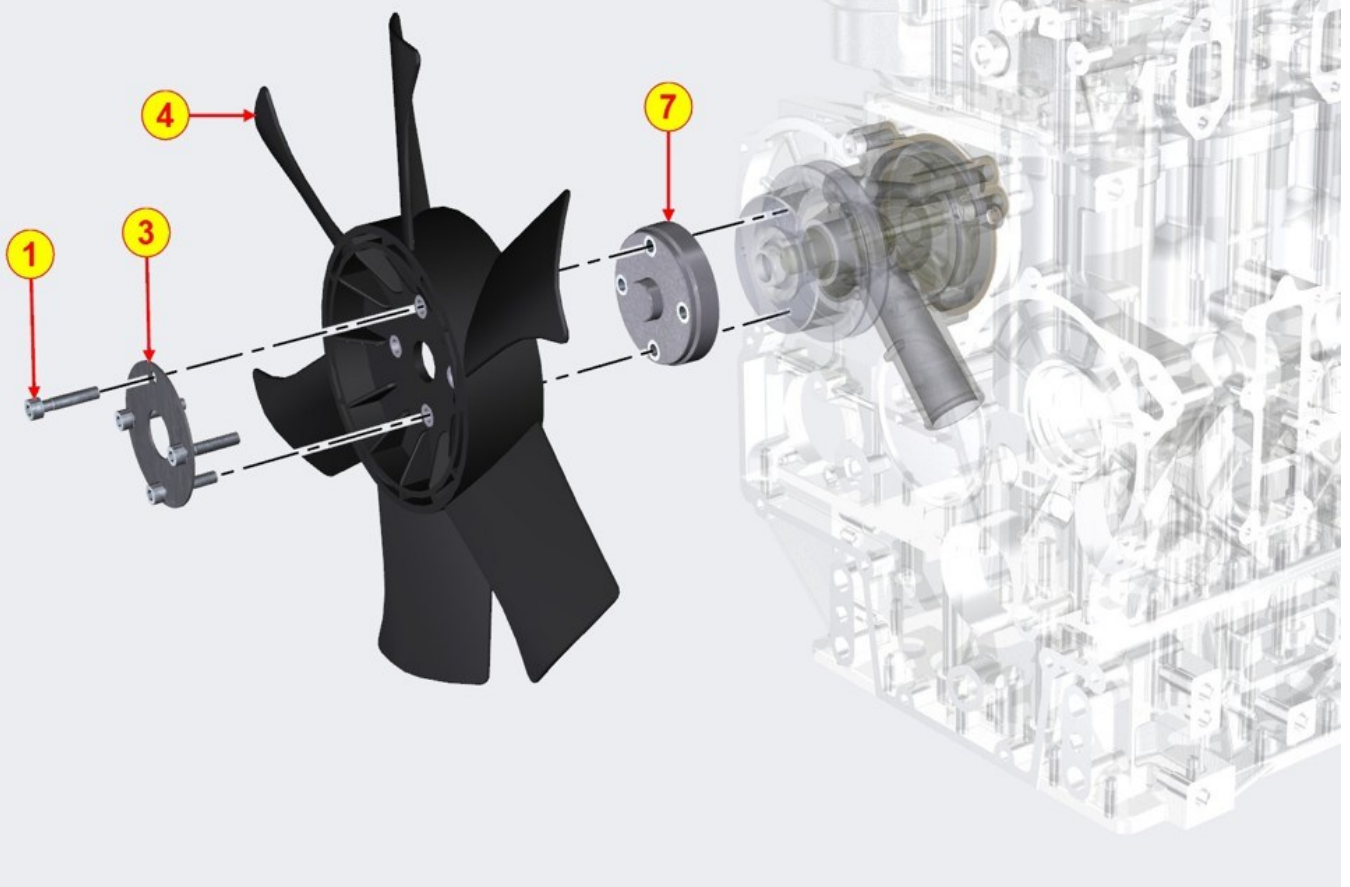


COOLANT HOSES - Group: 8068700010

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0036171970-S	Clamp	1	
2			ED0076250590-S	Washer	1	
3			ED0097610450-S	Screw	1	

COOLING FAN - Group: 8071700110

TAB|071



COOLING FAN - Group: 8071700110

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0097300160-S	Screw	4	
3			ED0062751470-S	Plate	1	
4			ED0097183260-S	Fan	1	
7			ED0038551580-S	Flange	1	

THERMOSTAT UNIT - Group: 8074700060

TAB | 074



THERMOSTAT UNIT - Group: 8074700060

Pos	Kit	Included in	Part #	Description	QTY	Tech info
0			ED0027506180-S	Cover	1	
2			ED0017601310-S	Screw	2	
3	A		ED0091950030-S	Valve	1	
4		(A)	ED0044201220-S	Gasket	1	
5			ED0046700010-S	Gasket	1	

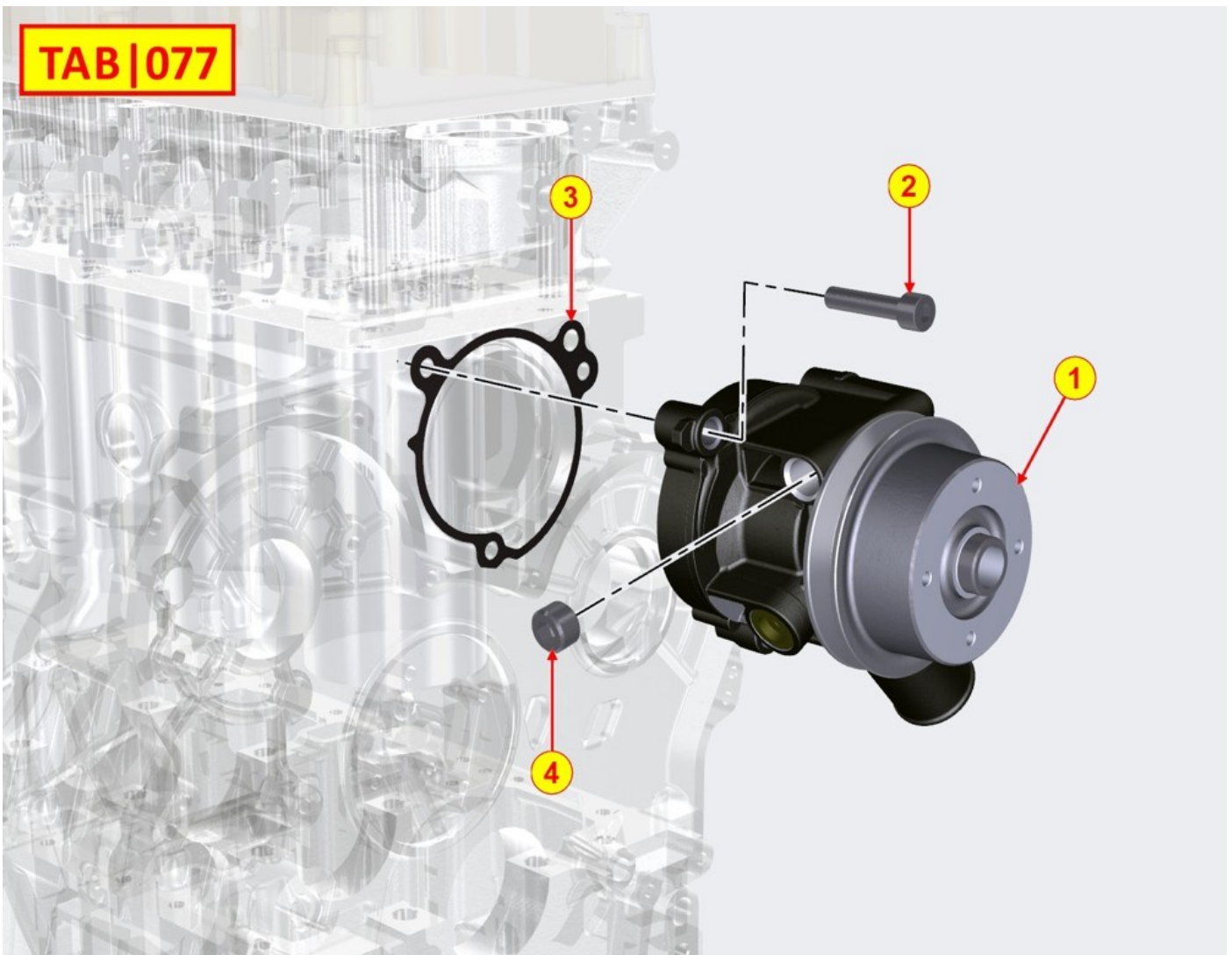
6

ED0090800370-S

Cap

1

COOLANT PUMP - Group: 8077700230

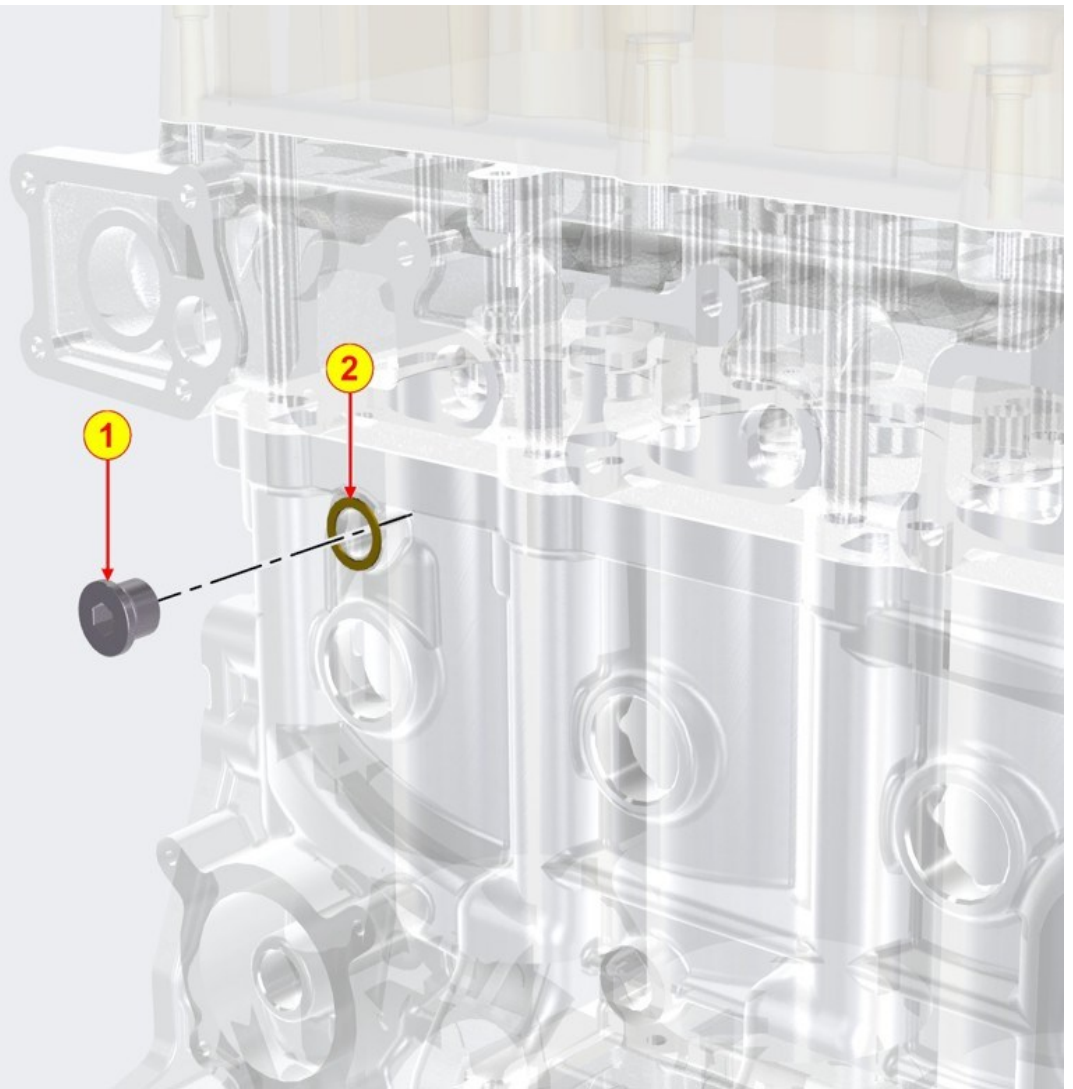


COOLANT PUMP - Group: 8077700230

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1	A		ED0065845310-S	Coolant pump	1	
2			ED0097320630-S	Screw	3	
3		(A)	ED0045802460-S	Gasket	1	
4			ED0089650960-S	Cap	1	

FITTING FOR CAB HEATING - Group: 8079700010

TAB|079

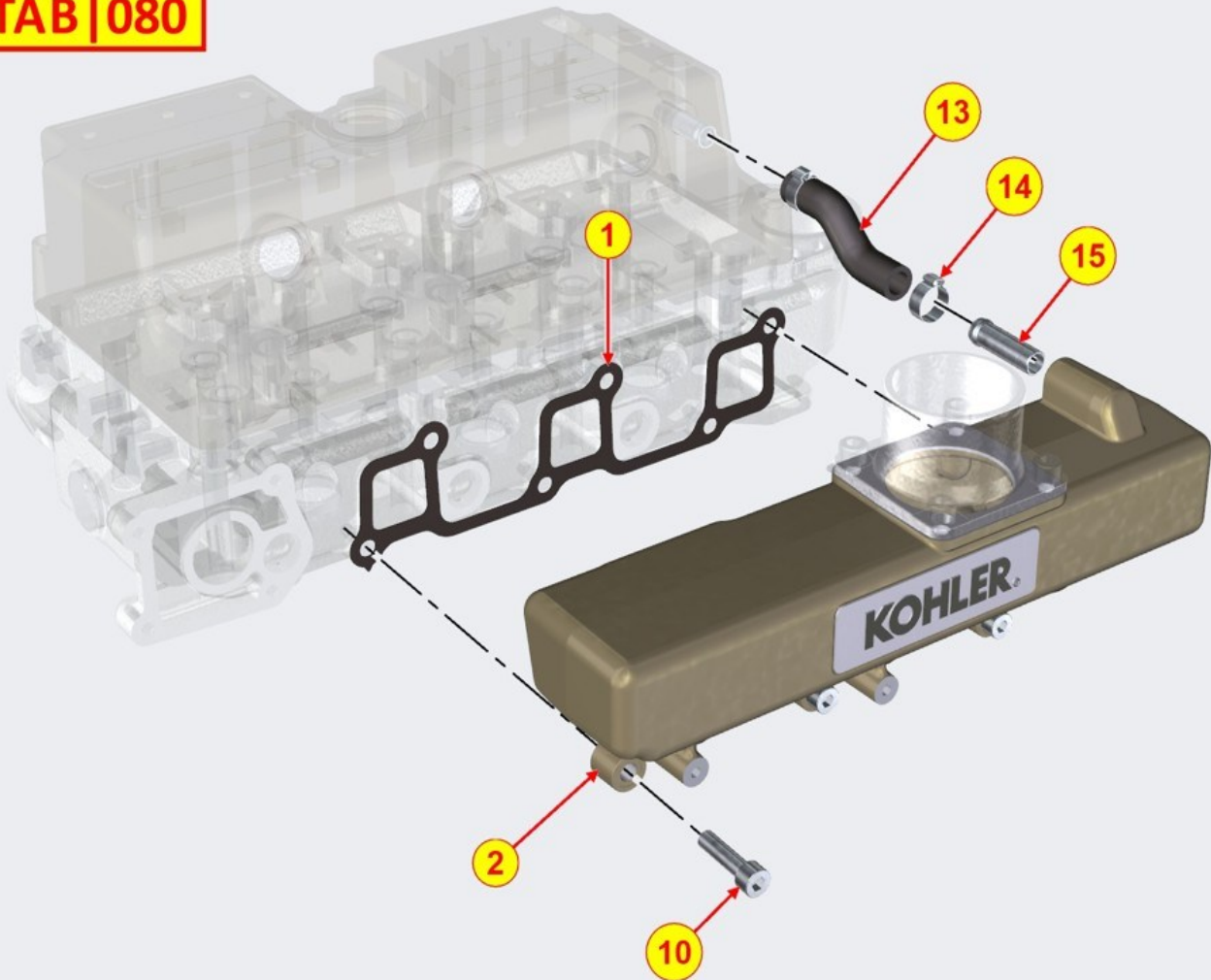


FITTING FOR CAB HEATING - Group: 8079700010

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0090400310-S	Cap	1	
2			ED0046700190-S	Gasket	1	

AIR INLET MANIFOLD / AIR FILTER - Group: 8080700140

TAB | 080



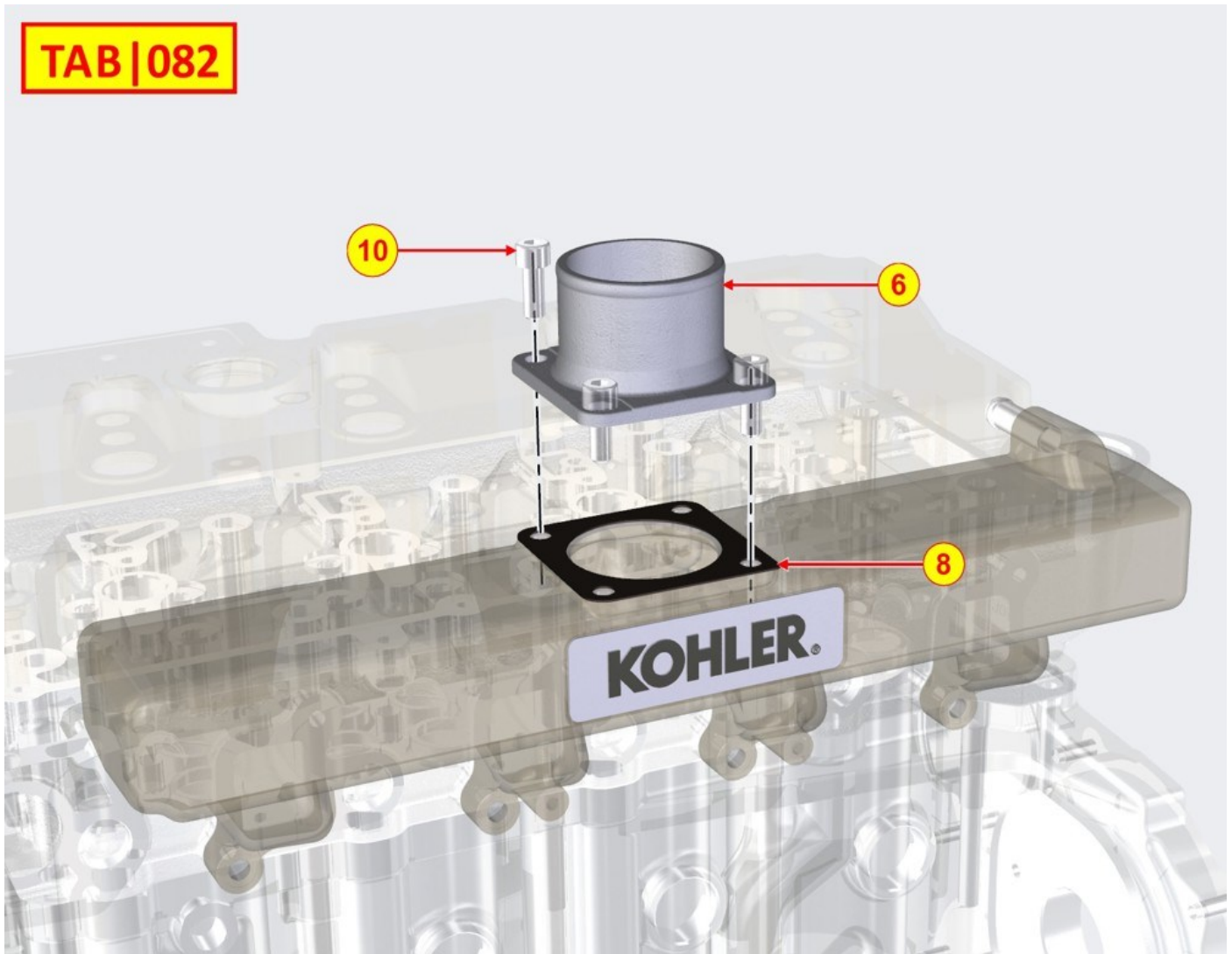
AIR INLET MANIFOLD / AIR FILTER - Group: 8080700140

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0048200860-S	Gasket	1	
2	A		ED0024866050-S	manifold	1	
10			ED0097320640-S	Screw	6	
13			ED0095801200-S	Pipe	1	
14			ED0036301740-S	Clamp	2	

15	(A)	ED0095800640-S	Pipe	1
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AIR INLET ACCESORIES - Group: 8082700100

TAB | 082

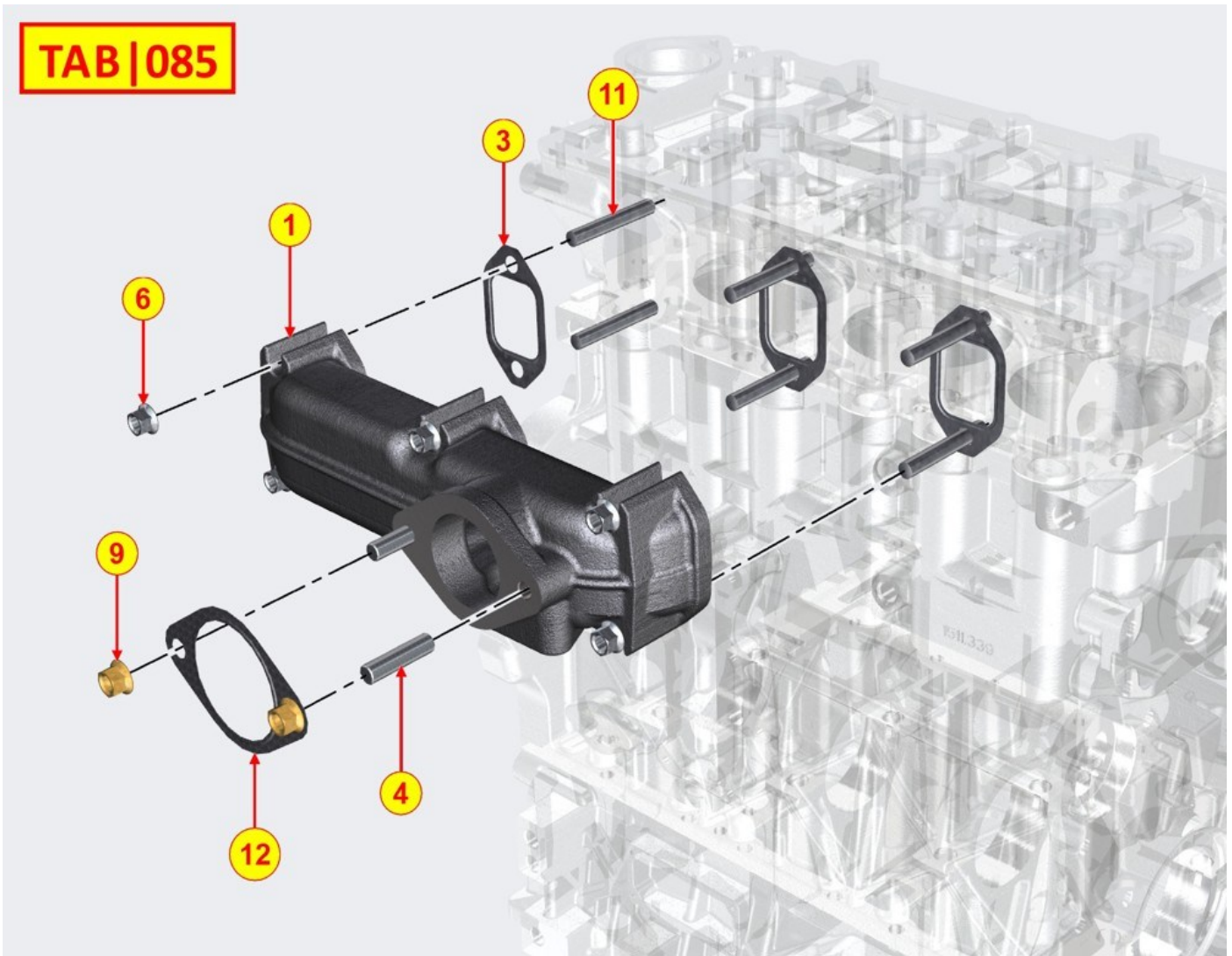


AIR INLET ACCESORIES - Group: 8082700100

Pos	Kit	Included in	Part #	Description	QTY	Tech info
6			ED0038661490-S	Flange	1	
8			ED0048200150-S	Gasket	1	

EXHAUST GAS MANIFOLD - Group: 8085700300

TAB | 085



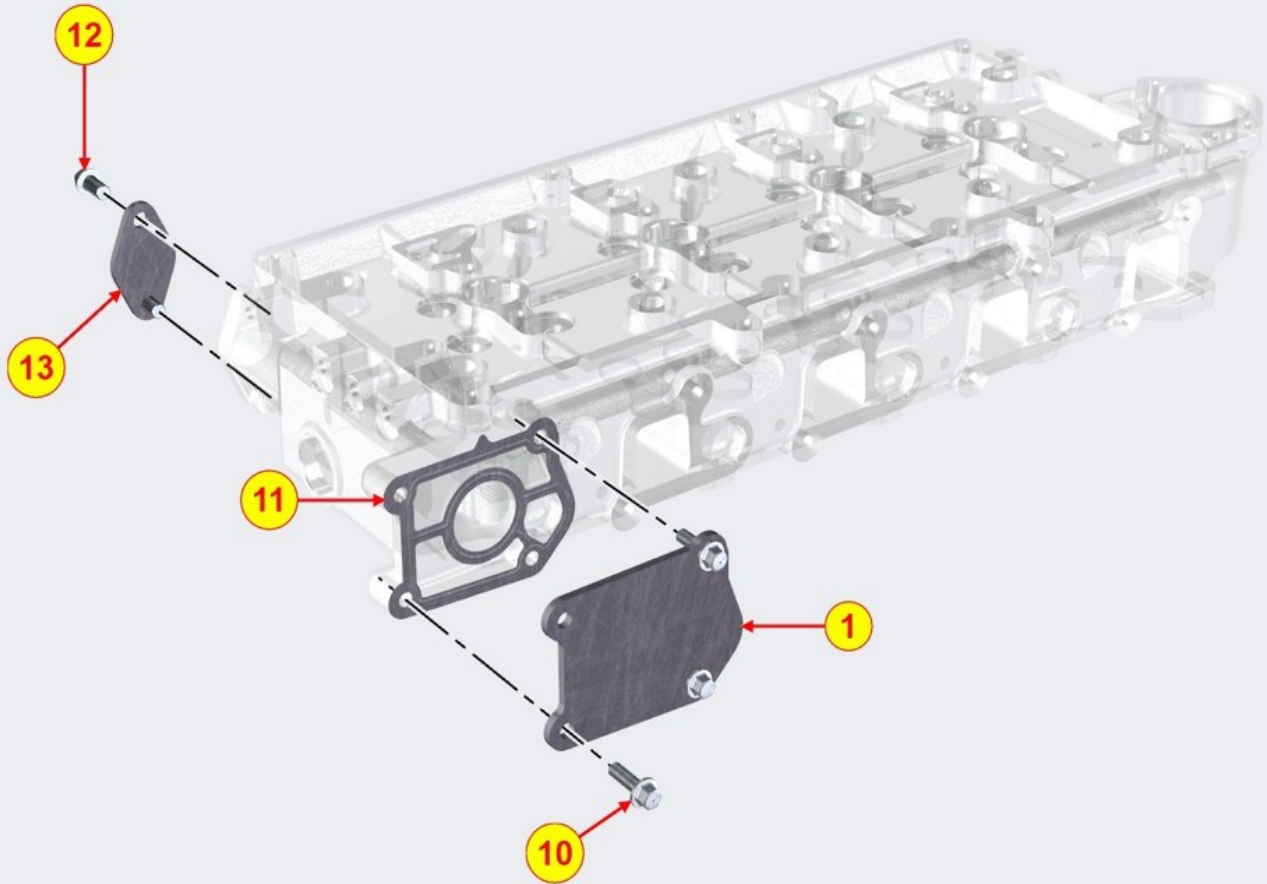
EXHAUST GAS MANIFOLD - Group: 8085700300

Pos	Kit	Included in	Part #	Description	QTY	Tech info
0			ED0076251050-S	Washer	6	
1			ED0024866560-S	manifold	1	
3			ED0044201260-S	Gasket	3	
4			ED0067802150-S	Stud	2	
6			ED0032402100-S	Nut	6	

9	ED0032401630-S	Nut	2
11	ED0067802170-S	Stud	6
12	ED0044201320-S	Gasket	1

EGR VALVE - Group: 8089700040

TAB | 089

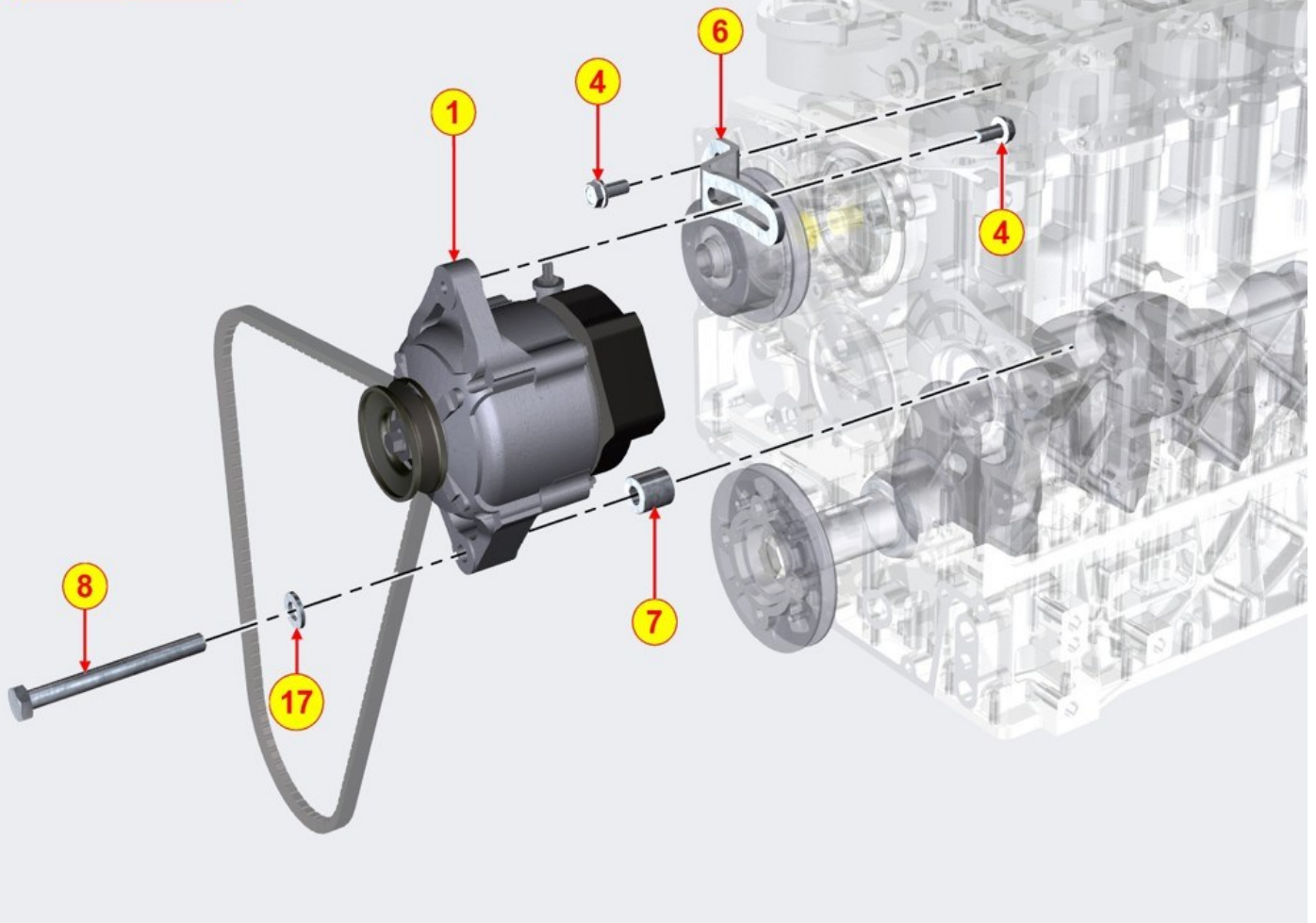


EGR VALVE - Group: 8089700040

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0063707620-S	Plate	1	
10			ED0017601310-S	Screw	4	
11			ED0047600670-S	Gasket	1	
12			ED0017701600-S	Screw	2	
13			ED0063707690-S	Plate	1	

VOLTAGE ALTERNATOR - Group: 8100700110

TAB | 100



VOLTAGE ALTERNATOR - Group: 8100700110

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0011575180-S	Alternator	1	
4			ED0017701500-S	Screw	2	
6			ED0085463980-S	Bracket	1	
7			ED0035276520-S	Spacer	1	
8			ED0017801110-S	Screw	1	

17

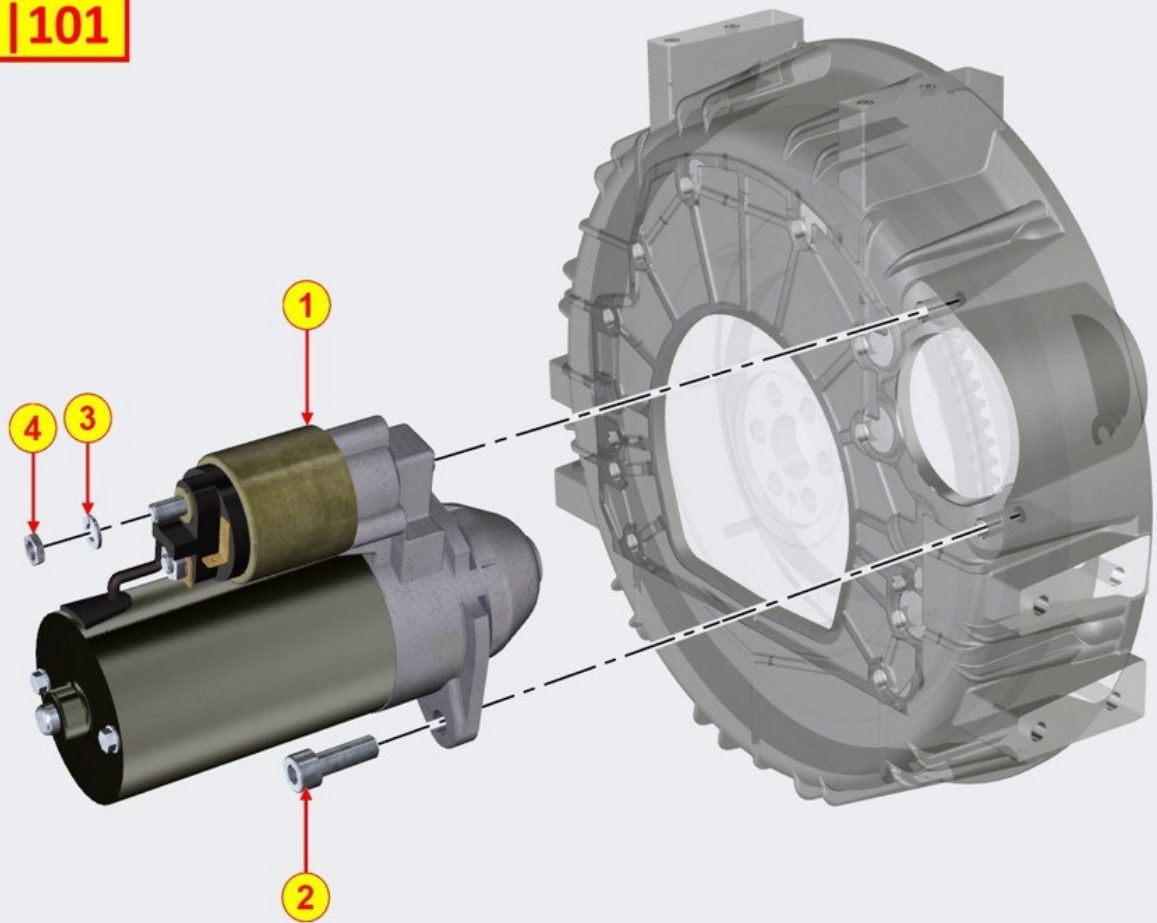
ED0076250220-S

Washer

1

STARTING MOTOR - Group: 8101700010

TAB | 101

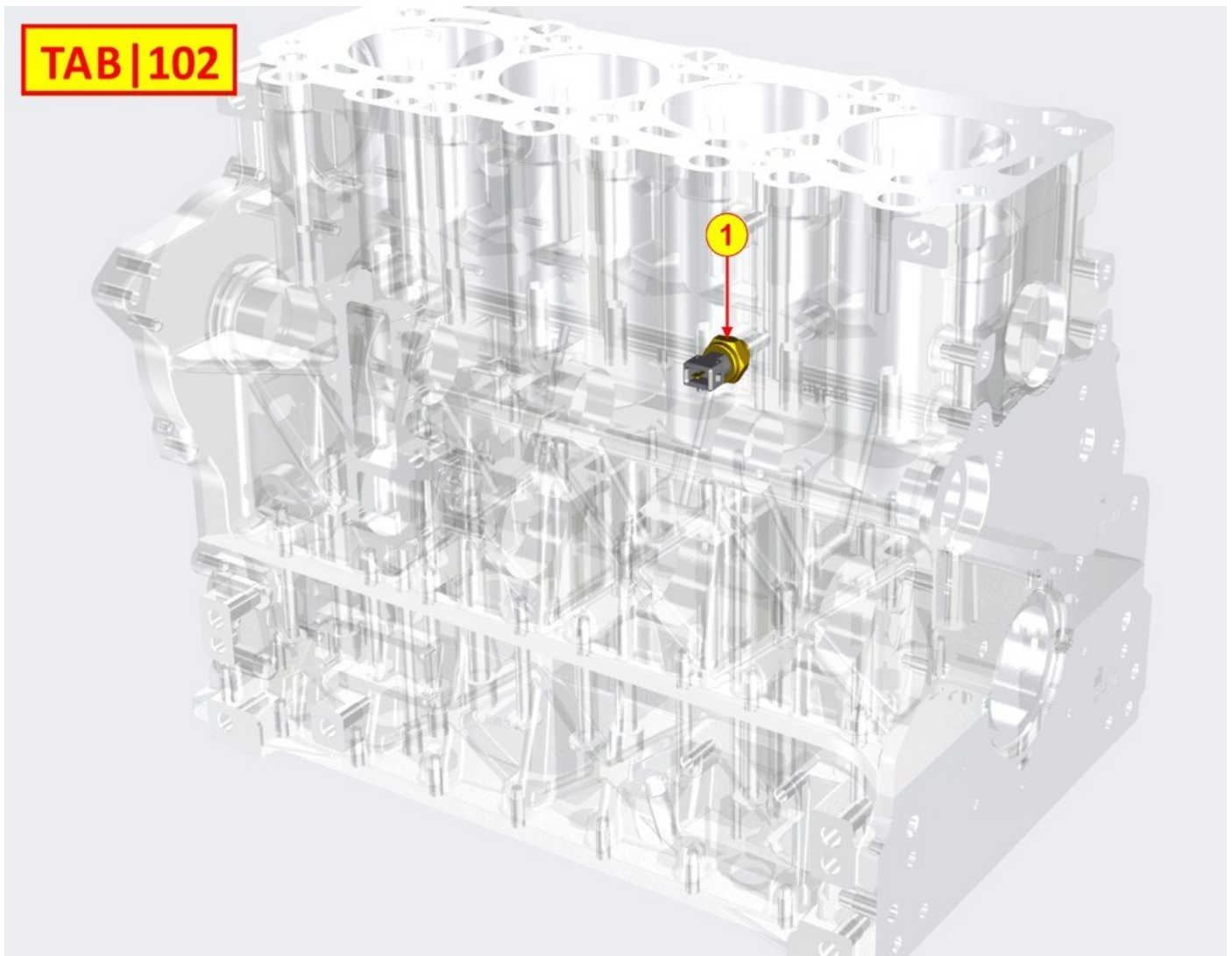


STARTING MOTOR - Group: 8101700010

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0058402810-S	Starter motor	1	
2			ED0097300450-S	Screw	2	
3			ED0075650070-S	Washer	1	
4			ED0032400180-S	Nut	1	

OIL PRESSURE SWITCH - Group: 8102700070

TAB | 102

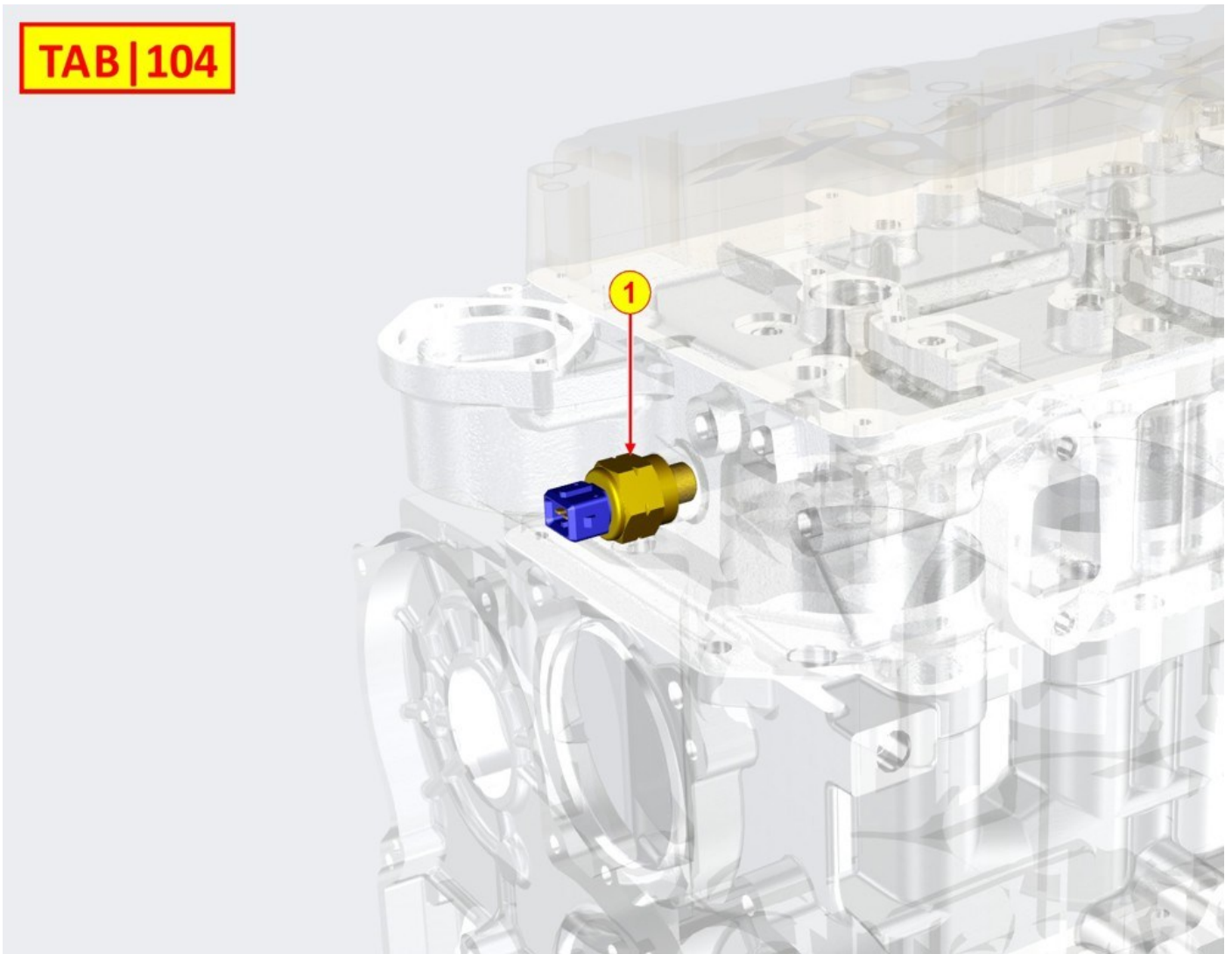


OIL PRESSURE SWITCH - Group: 8102700070

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0067451010-S	switch	1	

TEMPERATURE SENSORS - Group: 8104700020

TAB | 104

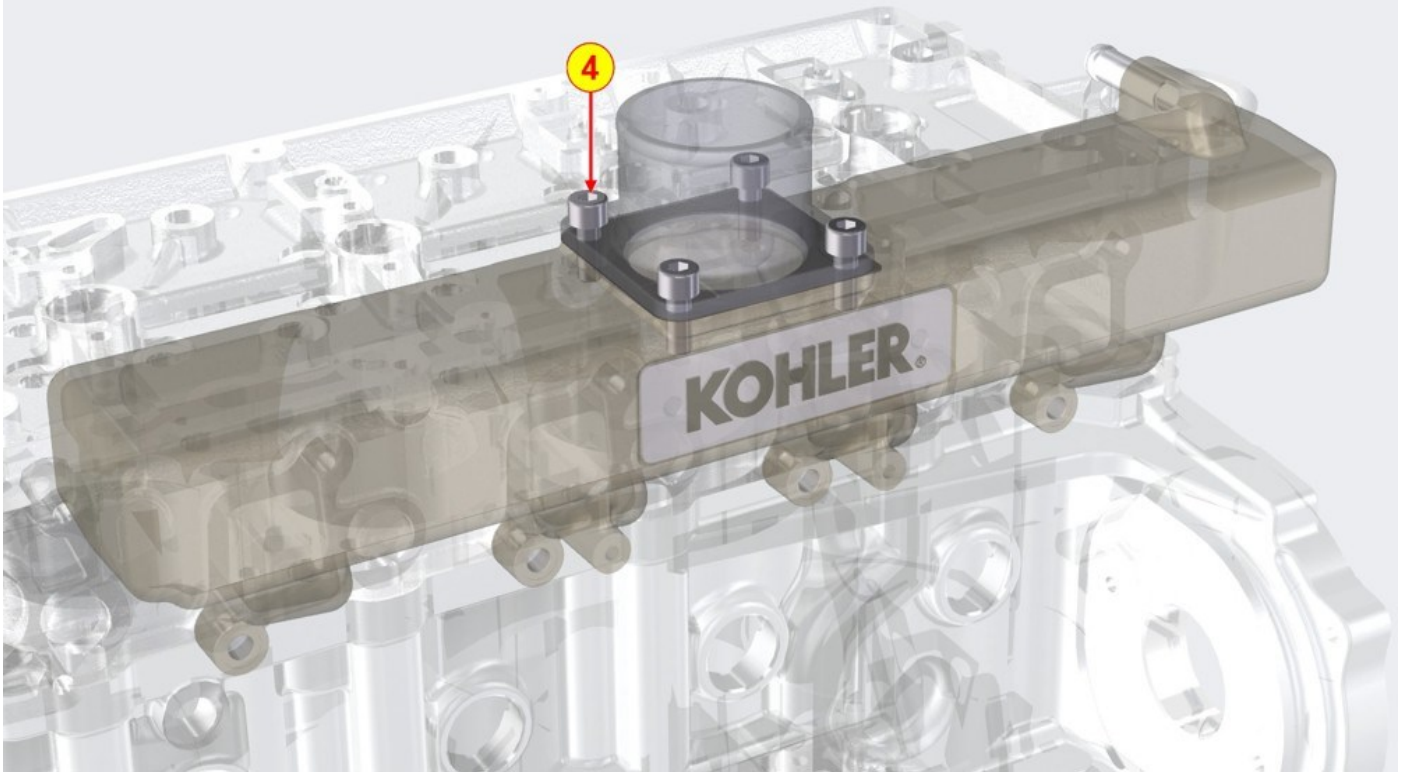


TEMPERATURE SENSORS - Group: 8104700020

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0091955490-S	Sensor	1	

GLOW PLUGS / PRE-HEATING RELAY - Group: 8106700070

TAB | 106

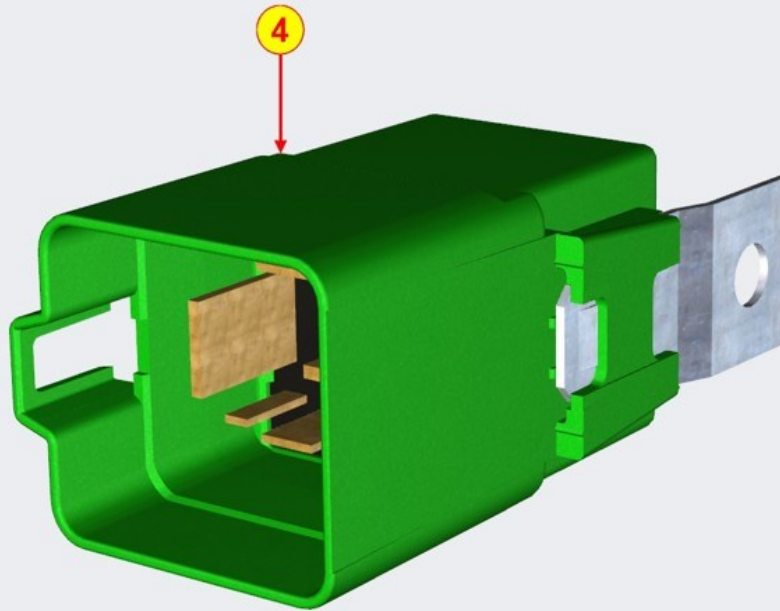


GLOW PLUGS / PRE-HEATING RELAY - Group: 8106700070

Pos	Kit	Included in	Part #	Description	QTY	Tech info
4			ED0097320740-S	Screw	4	

ECU - DCU - ELECTRONIC CONTROLS - Group: 8107701380

TAB | 107

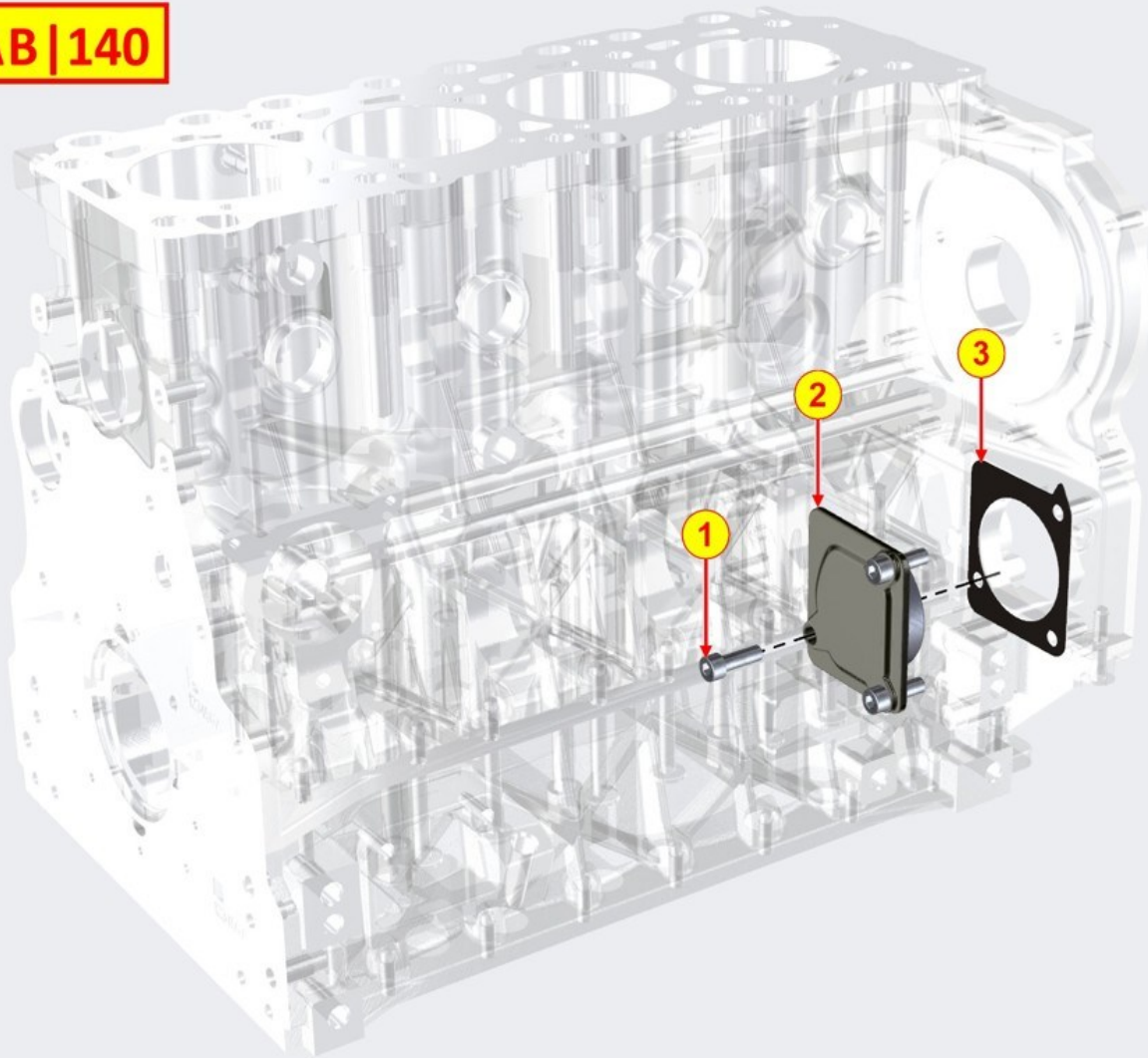


ECU - DCU - ELECTRONIC CONTROLS - Group: 8107701380

Pos	Kit	Included in	Part #	Description	QTY	Tech info
4			ED0021938000-S	12V X AH+CSA Control Unit	1	

3rd PTO - Group: 8140700010

TAB | 140

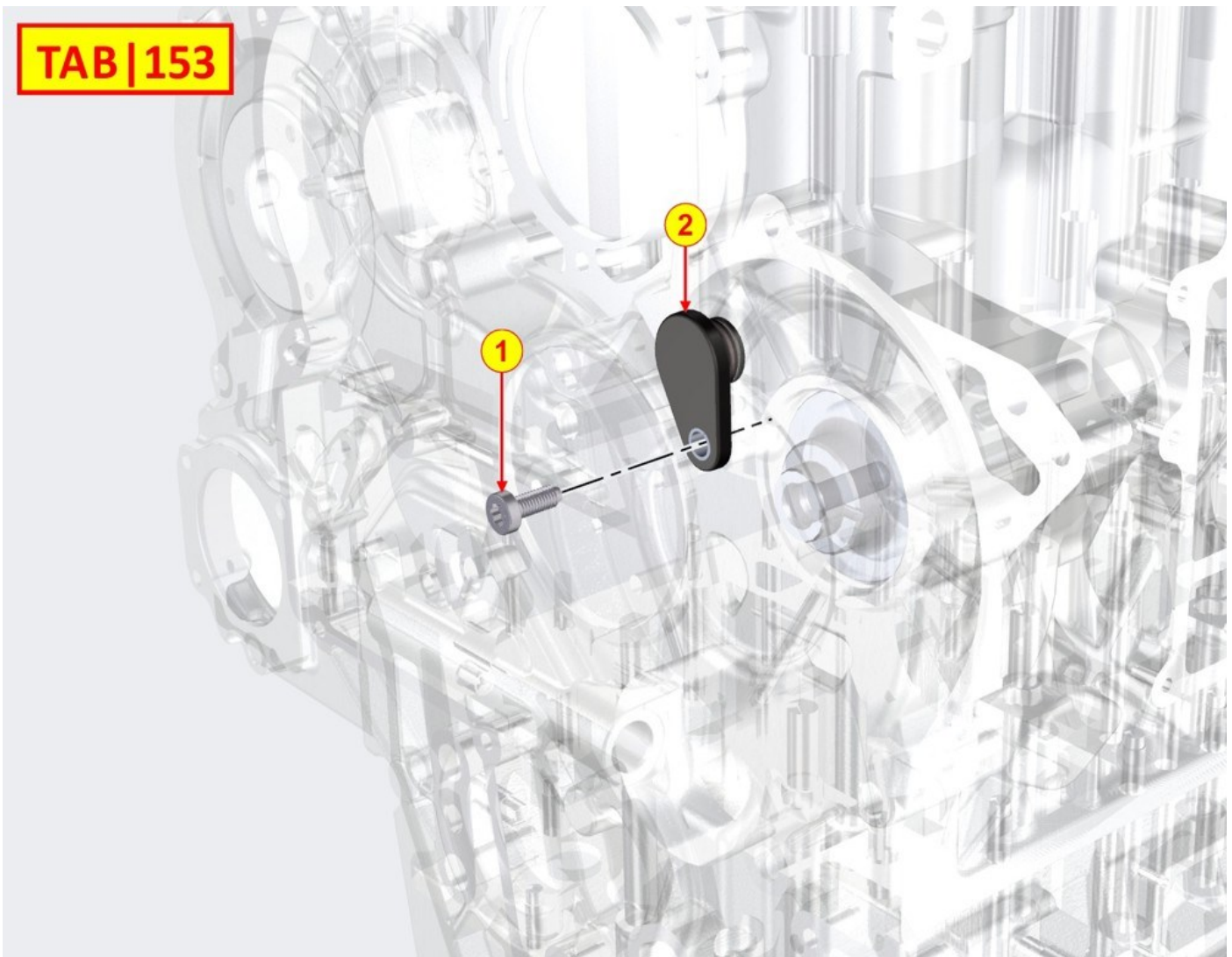


3rd PTO - Group: 8140700010

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0097304670-S	Screw	3	
2			ED0026500670-S	Cover	1	
3			ED0045802550-S	Gasket	1	

PHASE SENSOR - Group: 8153700010

TAB | 153

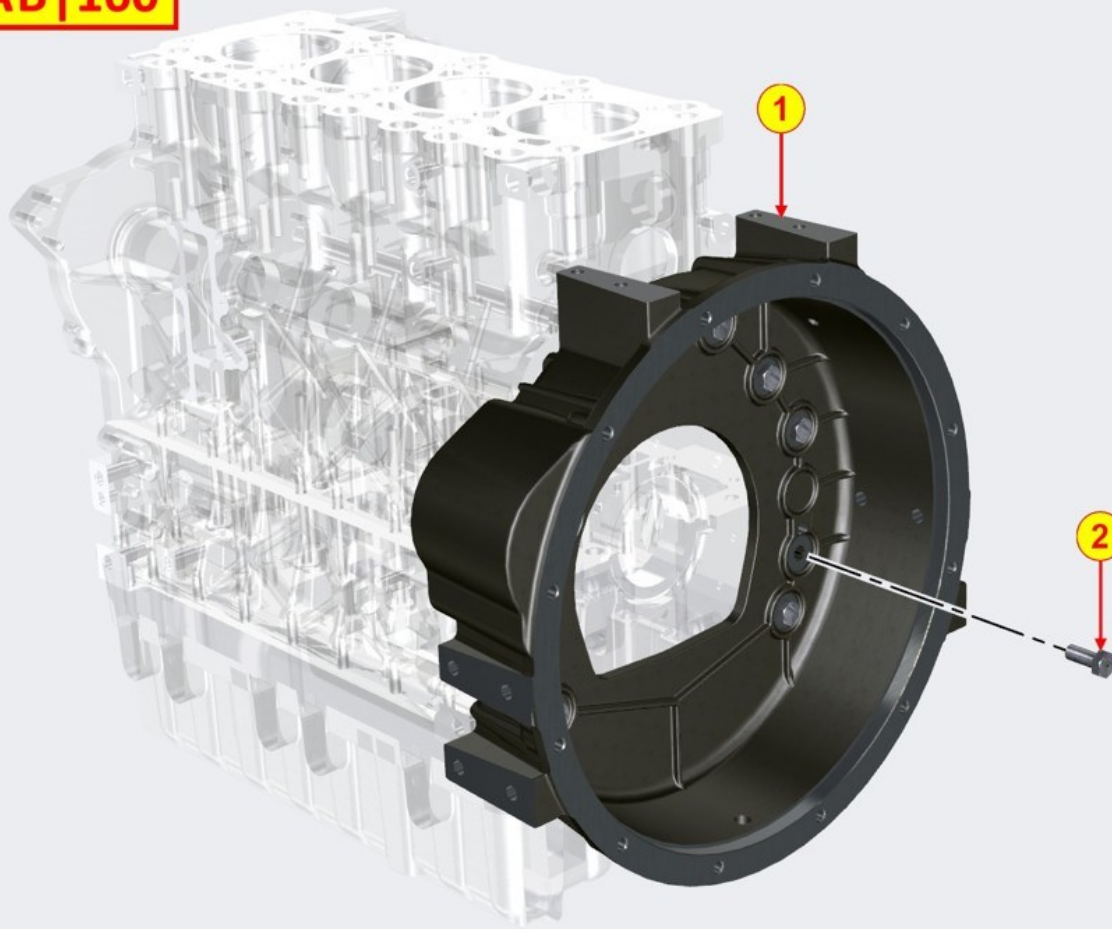


PHASE SENSOR - Group: 8153700010

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0097610460-S	Screw	1	
2			ED0038000800-S	Flange	1	

ENGINE FLANGE / BACKPLATE - Group: 8160700090

TAB | 160



ENGINE FLANGE / BACKPLATE - Group: 8160700090

Pos	Kit	Included in	Part #	Description	QTY	Tech info
1			ED0020324490-S	Flywheel housing	1	
2			ED0017800310-S	Screw	10	