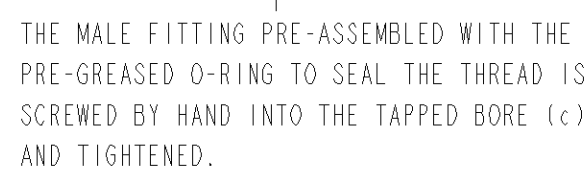
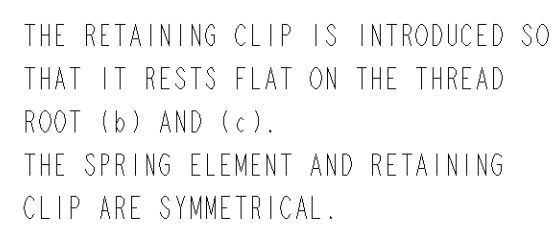
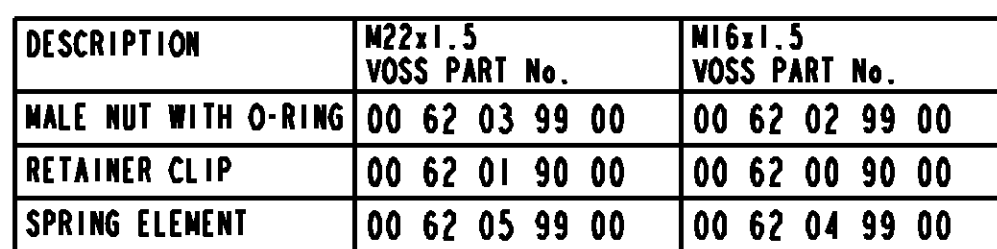


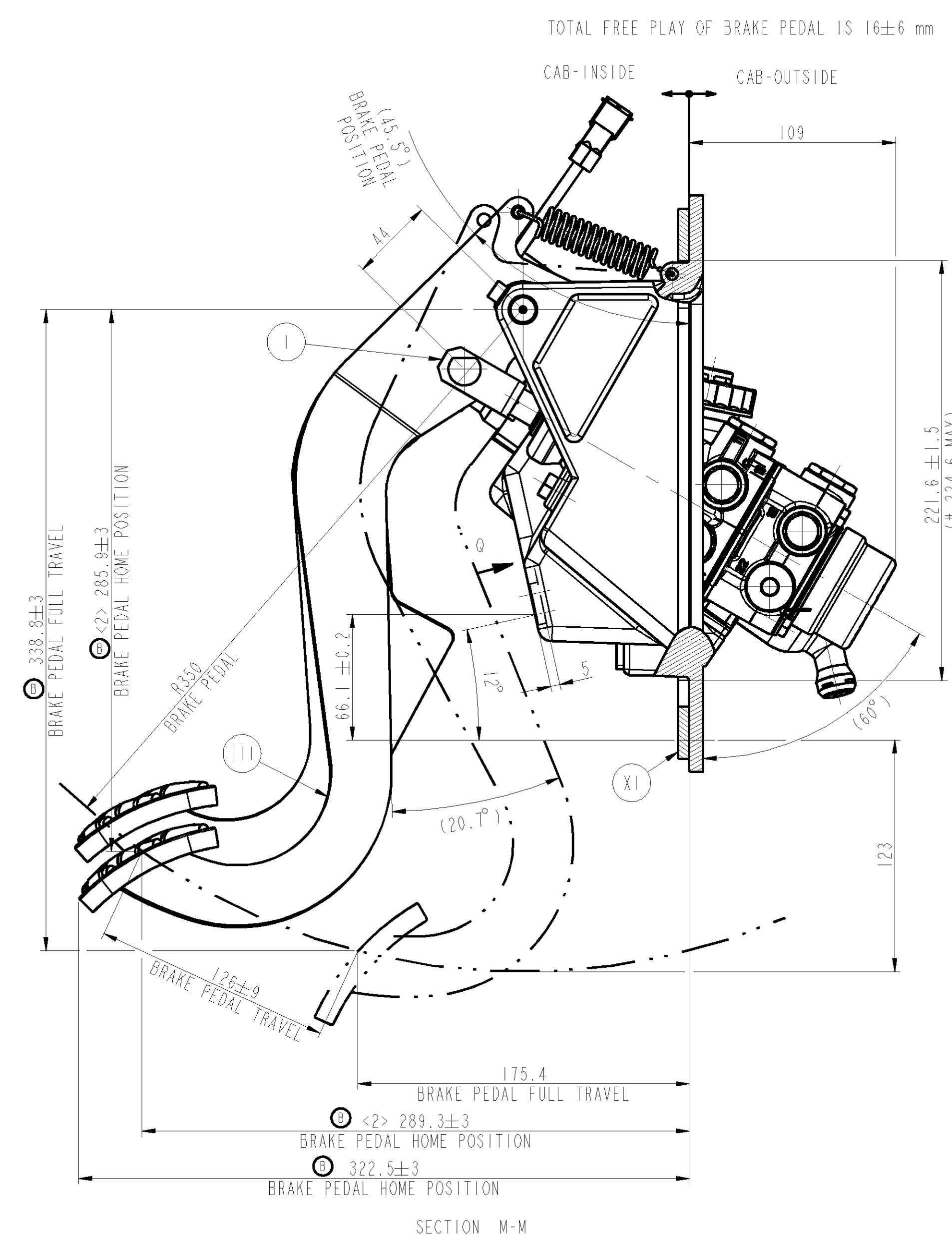
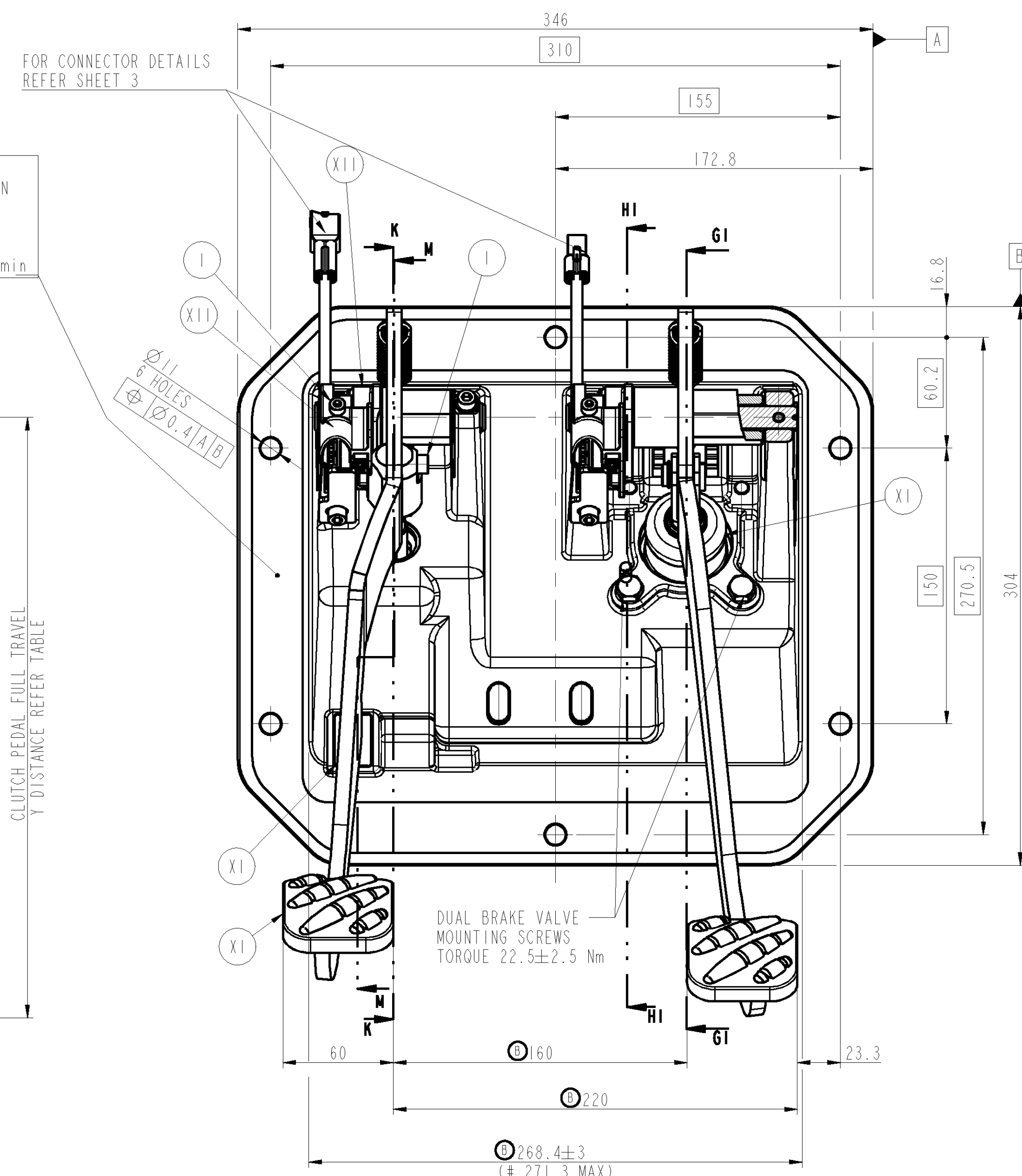
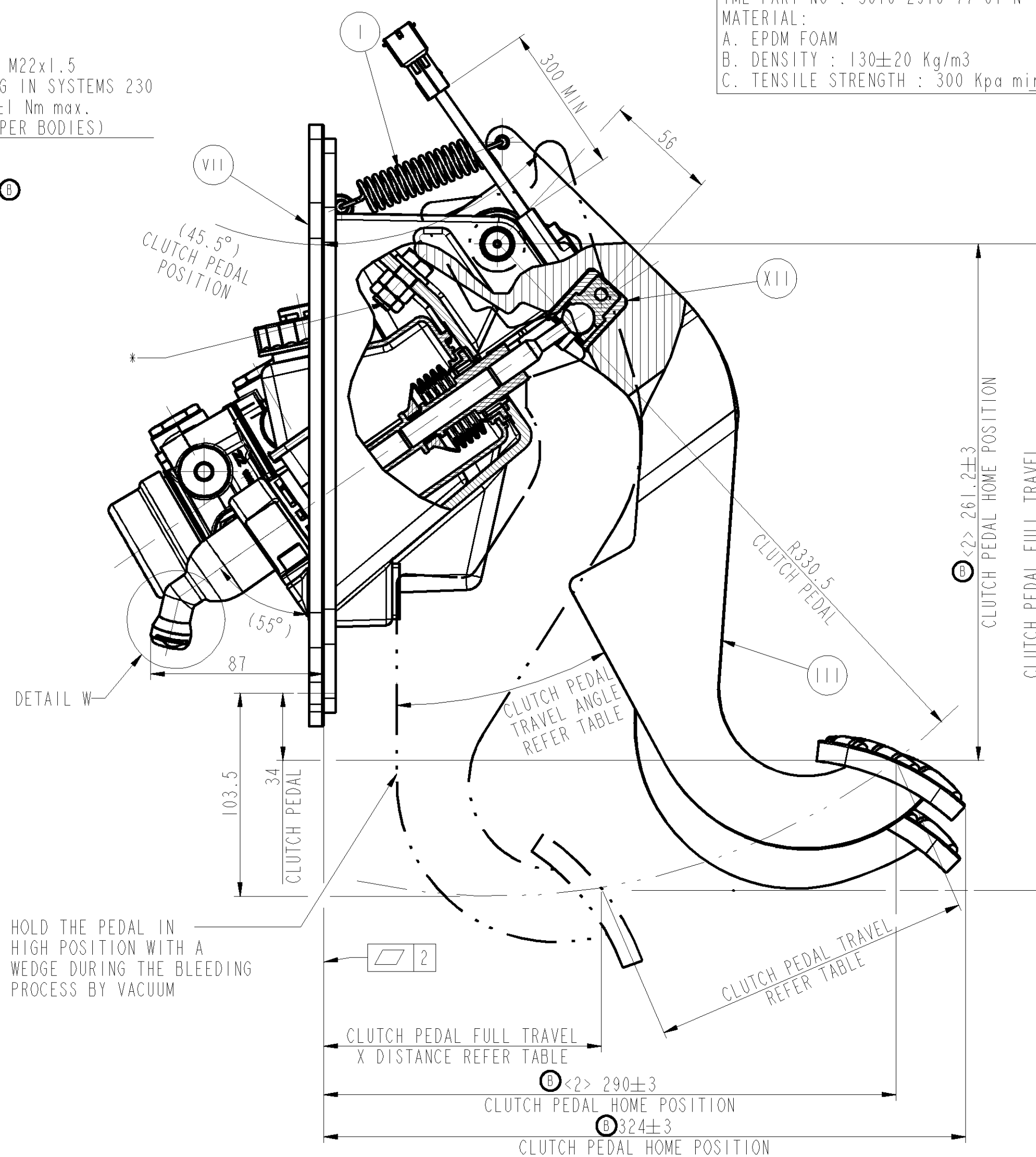
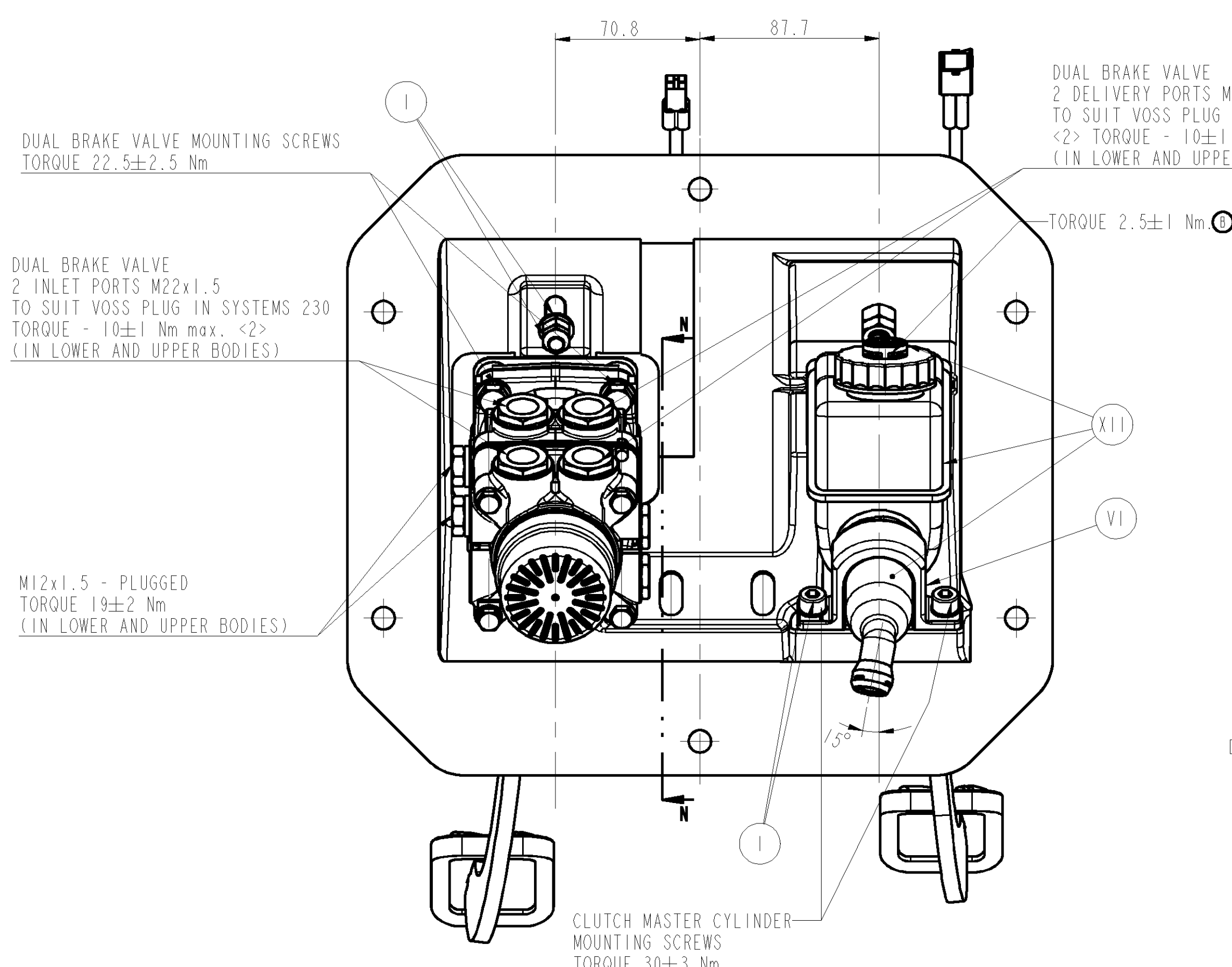
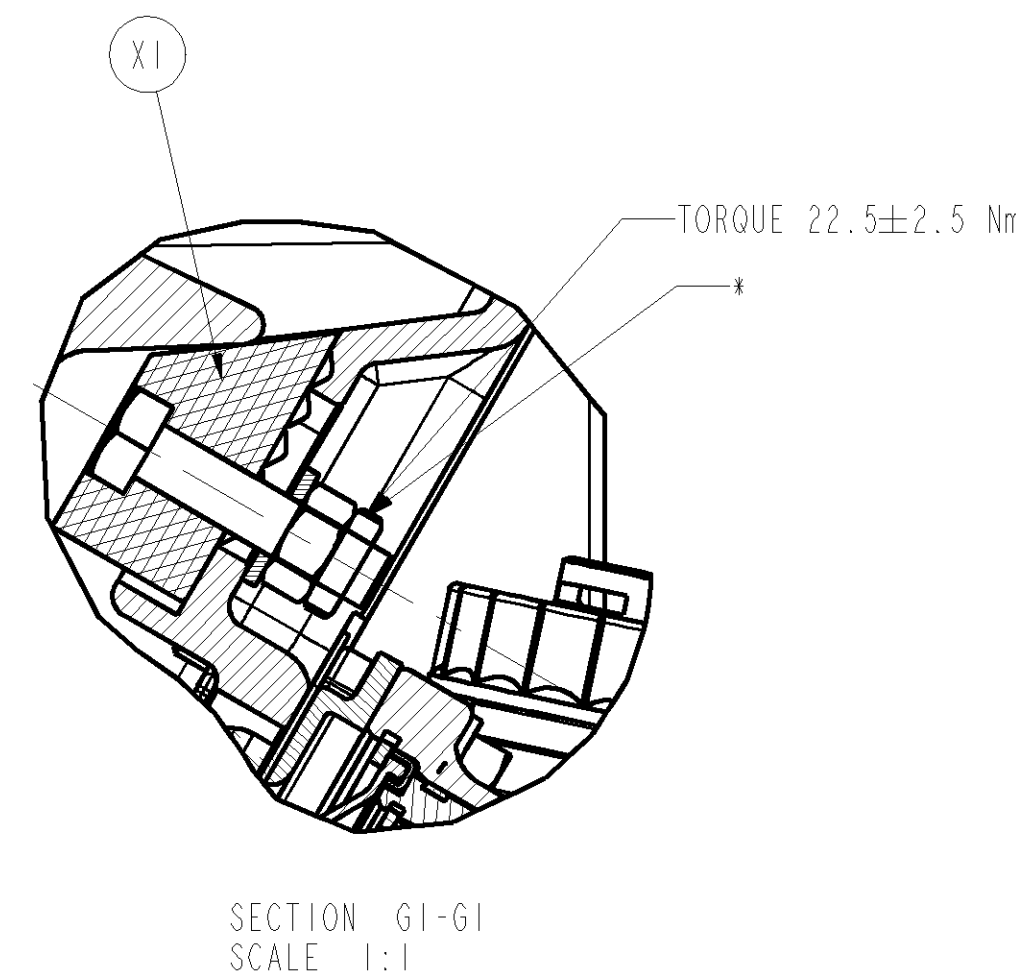
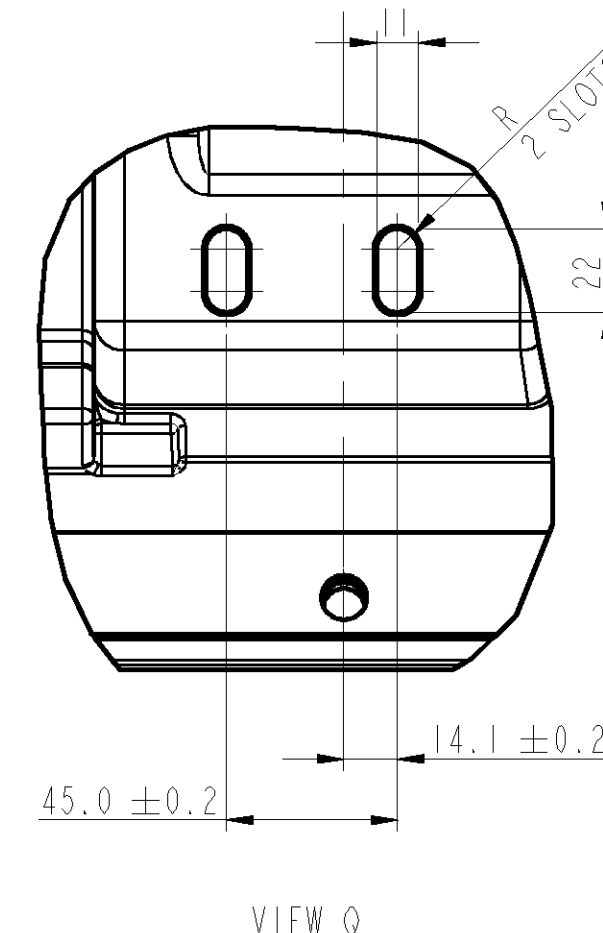
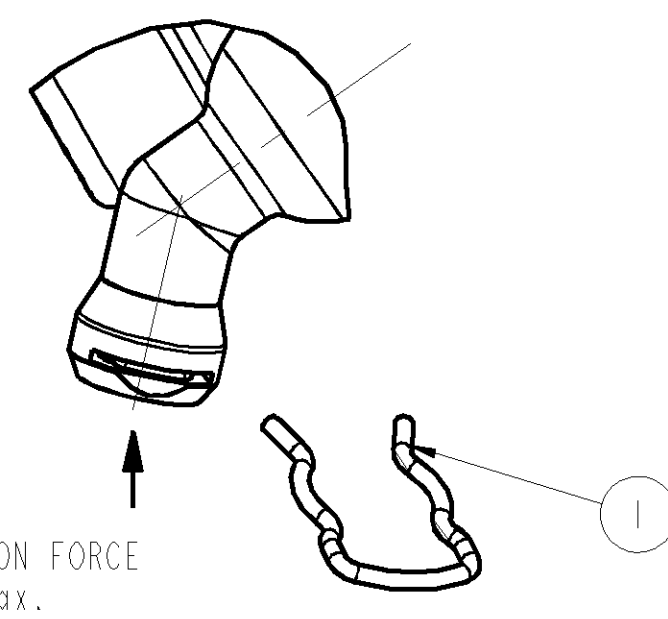
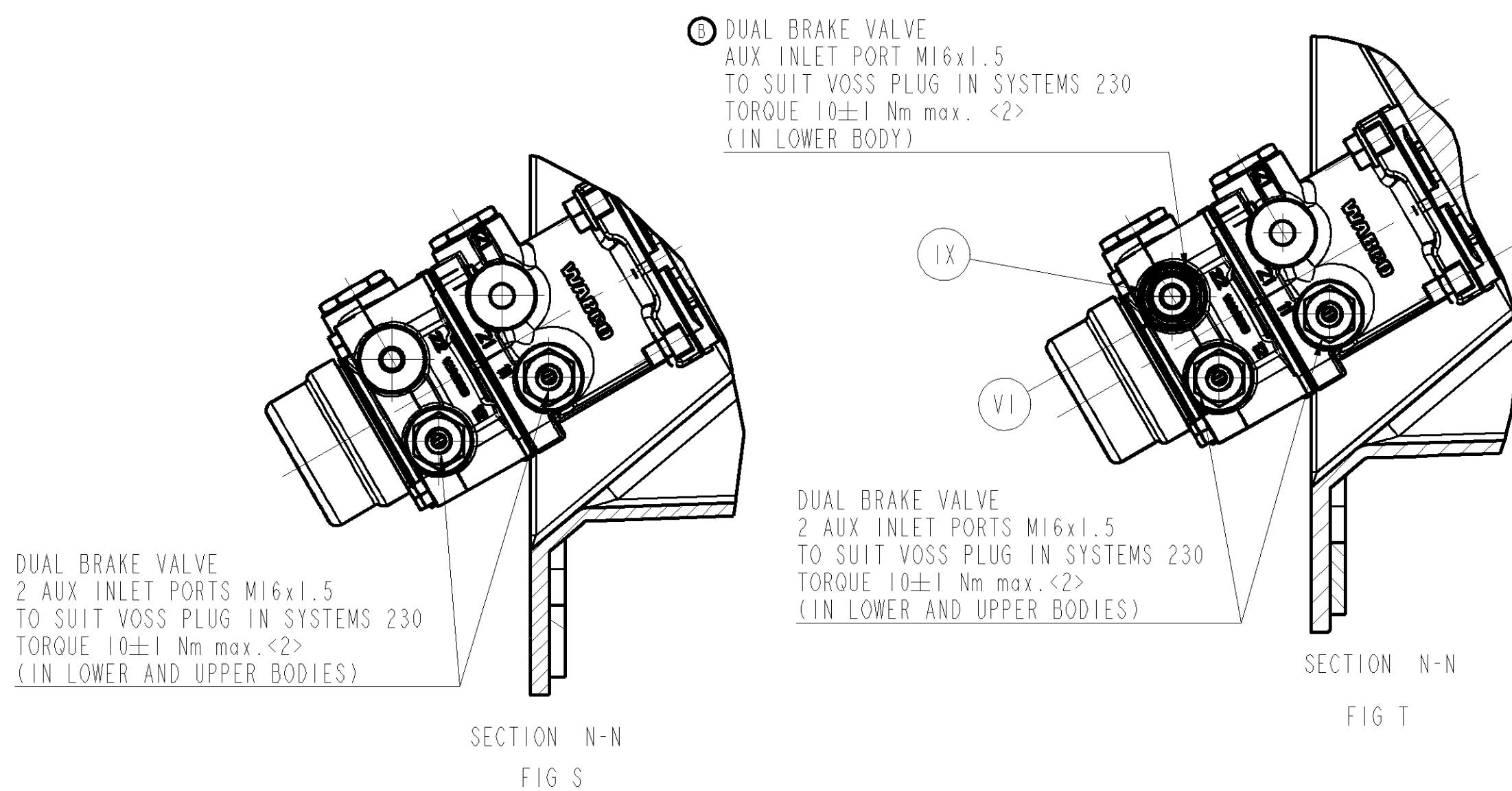
ASSEMBLY PROCEDURE:



THE MALE FITTING PRE-ASSEMBLED WITH THE PRE-GREASED O-RING TO SEAL THE THREAD IS SCREWED BY HAND INTO THE TAPPED BORE (c) AND TIGHTENED.



Sl. No.	IPU Part Number	DBV Part Number	Clutch Pedal Travel (mm)	Clutch pedal travel (mm)		Clutch Pedal Travel Angle	Part Number of TML	DBV Part number of TML	WIN SP KIT DETAILS						TML SP Kit Number
				X Distance	Y Distance				MAJOR KIT	DBV NG REPAIR KIT DETAILS				MINOR KIT	
										MAJOR KIT (DBV)		MINOR KIT (DBV)			
									NG12	NG8	NG12	NG8			
1	M601210	601220 F16 T	163±3	(141)	(326.6)	(28.5°)	5006 2900 01 01 N	2880 4370 01 02	MSP 6/27	MSP-3/130 4 NOS	MSP-3/129 2 NOS	MSP-3/124 4 NOS	MSP-3/123 2 NOS	MSP 6/28	5006 2999 01 01 N
2	M601280	601440 F16 T	163±3	(141)	(326.6)	(28.5°)	5016 2900 01 01 N	2885 4370 01 22	MSP 6/27	MSP-3/130 4 NOS	MSP-3/129 3 NOS	MSP-3/124 4 NOS	MSP-3/123 3 NOS	MSP 6/28	5016 2999 01 01 N
3	M601390	601220 F16 S	152±3	(152)	(324.2)	(26.7°)	2885 2900 01 01 N	2880 4370 01 02	MSP 6/27	MSP-3/130	MSP-3/129	MSP-3/124	MSP-3/123	MSP 6/43	5006 2999 01 01 N
4	M601480	601440 F16 T	152±3	(152)	(324.2)	(26.7°)	2885 2900 01 07 N	2885 4370 01 22	MSP 6/27	MSP-3/130	MSP-3/129	MSP-3/124	MSP-3/123	MSP 6/43	5016 2999 01 01 N



NOTE:

1. MAXIMUM MOUNTING DIMENSION INCLUDING FILLET ON IPU - FOR INSERTION INSIDE FIREWALL
2. APPLY LOCTITE FOR LOCK NUT

0 <1> SAFETY CHARACTERISTICS

11 <2> SIGNIFICANT CHARACTERISTICS

General Specification: JED-334-1		Date: _____		Copyright WABCO®	
Further Technical Data:		Drawn: _____		Signature: _____	
Doc. Code: _____ Sheet _____ To _____		2016-06-02		Karl Hagen	
General Tolerances: JED-261		2014-06-02		Yogesh	
Range of Nominal Dimensions (x ± mm)		Tolerance		Material: B	
+50 / +80		Tolerance		Date of first issue: _____	
+50 / +80 / +400 > +400		Tolerance		Date of change: _____	
Class	0.5 1.0 1.5 2.0	S		100 601 210	
Fin	0.2 0.4 0.6 0.8	S		953 EN 1	
Medium	1.0 1.5 2.0	S		%	
Coarse	2.0 3.0 5.0 6.5	S		%	
Tolerances class Applied Crosshatched		S		%	
Tolerances class Applied Crosshatched		S		%	

FOR KIT NUMBERS, REFER TABLE ON SHEET-1

S.NO	DESCRIPTION	WITL PART NUMBER	QUANTITY	TML PART NUMBER
1	BRAKE SWITCH	M610810	1	2816 5450 99 42N
2	CLUTCH MASTER CYLINDER	970 001 523 2	1	5006 2930 01 02N
3	BRACKET- TOP	M633871	1	5006 2950 33 01N
4	BRACKET - BOTTOM	M633860	1	5006 2950 33 02N
5	DUAL BRAKE VALVE	REFER TABLE #	1	REFER TABLE #
6	BRAKE PEDAL ASSEMBLY	M610600	1	5006 2920 01 01N
7	CLUTCH PEDAL ASSEMBLY	M610610	1	5006 2910 01 01N
8	CLUTCH SWITCH	M610820	1	2816 5450 99 41N

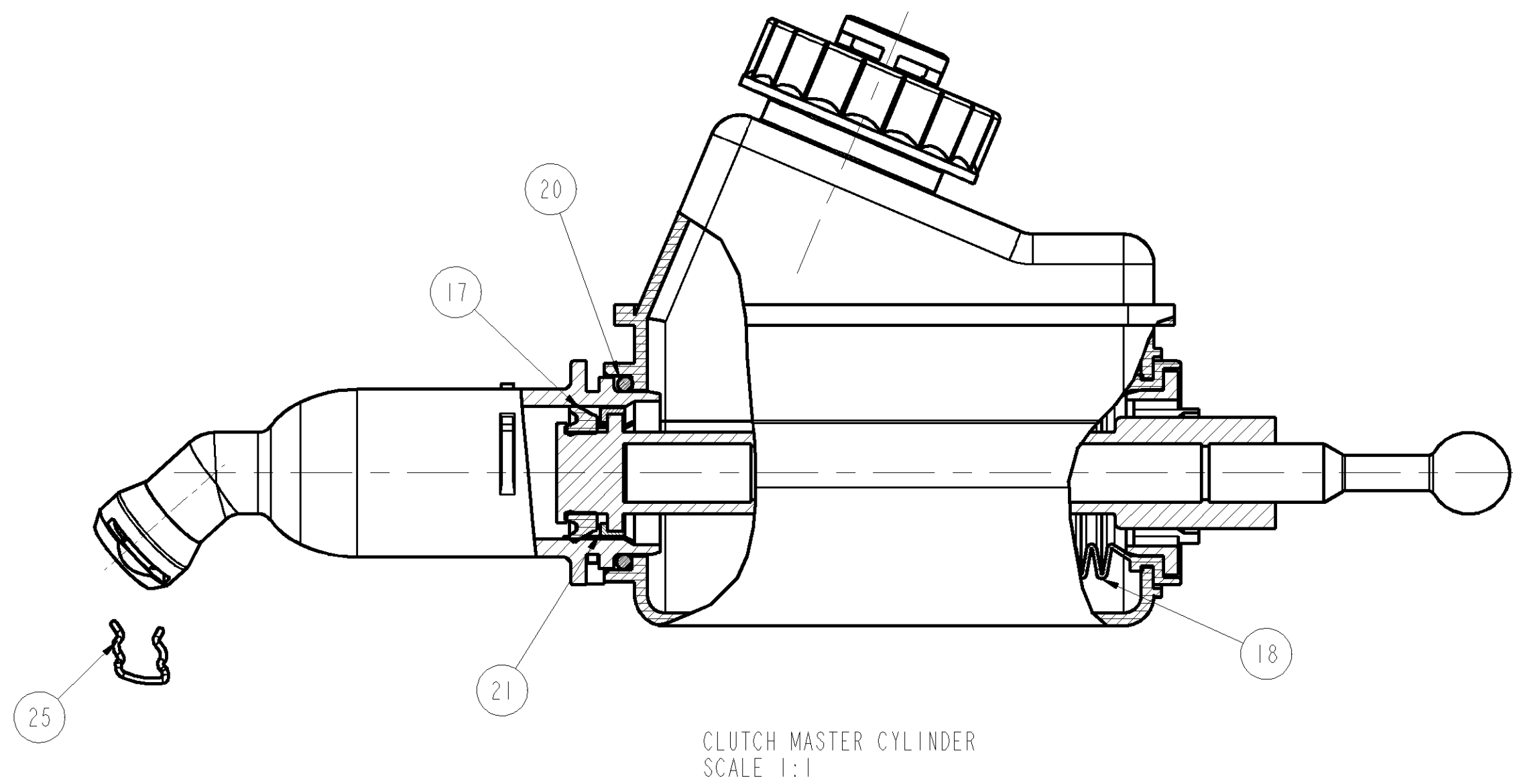
PLEASE REFER DUAL BRAKE VALVE & NG REPAIR KITS DETAILS MENTIONED IN SHEET-1 TABLE.
⊙ MAJOR KIT MSP 6/27 FOR 601210, M601280, M601390, M601480

⊙ MINOR KIT MSP 6/28 FOR M601210, M601280
TML KIT NO.-5006 2999 01 02N

S.NO	DESCRIPTION	WITL PART NUMBER	QUANTITY IN ASSY	TML PART NUMBER
9	GASKET	M635160	1	5016 2910 77 01 N
10	SPRING	896 517 251 4	2	5006 2910 87 01N
11	PLAIN BEARING	899 759 865 4	4	5006 2910 31 01N
12	CAM - BRAKE	M634040	1	5006 2910 77 02N
13	CAM - CLUTCH	M634050	1	5006 2920 77 01N
14	BOOT OF DBV	M631610	1	5006 2920 75 01N
15	LOWER STOPPER	M633820	1	5006 2910 75 01N
16	BUM STOPPER	M633830	1	5006 2910 77 03N
19	KNOB	965 001 025 4	1	5006 2920 77 04N
22	E - CLIP	M630771	1	5006 2920 43 01N
23	TREAD AXIS	M633950	1	5006 2920 67 01N
24	GASKET	965 001 142 4	1	5006 2950 77 02N
26	PEDAL COVER	897 730 051 4	2	5006 2910 77 01N

⊙ MAJOR KIT MSP 6/43 FOR M601390, M601480
TML KIT NO.-2885 2999 01 03N

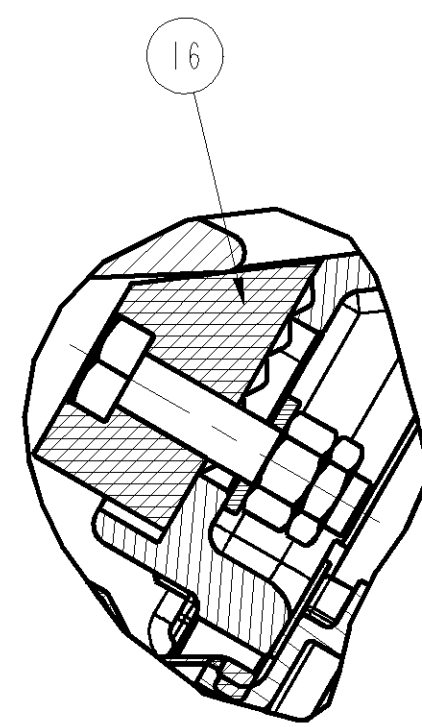
S.NO	DESCRIPTION	WITL PART NUMBER	QUANTITY IN ASSY	TML PART NUMBER
9	GASKET	M635160	1	5016 2910 77 01N
10	SPRING	896 517 251 4	2	5006 2910 87 01N
11	PLAIN BEARING	899 759 865 4	4	5006 2910 31 01N
12	CAM - BRAKE	M634040	1	5006 2910 77 02N
13	CAM - CLUTCH	M634580	1	2885 2910 77 01N
14	BOOT OF DBV	M631610	1	5006 2920 75 01N
15	LOWER STOPPER	M634710	1	2885 2910 75 01N
16	BUM STOPPER	M633830	1	5006 2910 77 03N
19	KNOB	965 001 025 4	1	5006 2920 77 04N
22	E - CLIP	M630771	1	5006 2920 43 01N
23	TREAD AXIS	M633950	1	5006 2920 67 01N
24	GASKET	965 001 142 4	1	5006 2950 77 02N
26	PEDAL COVER	897 730 051 4	2	5006 2910 77 01N



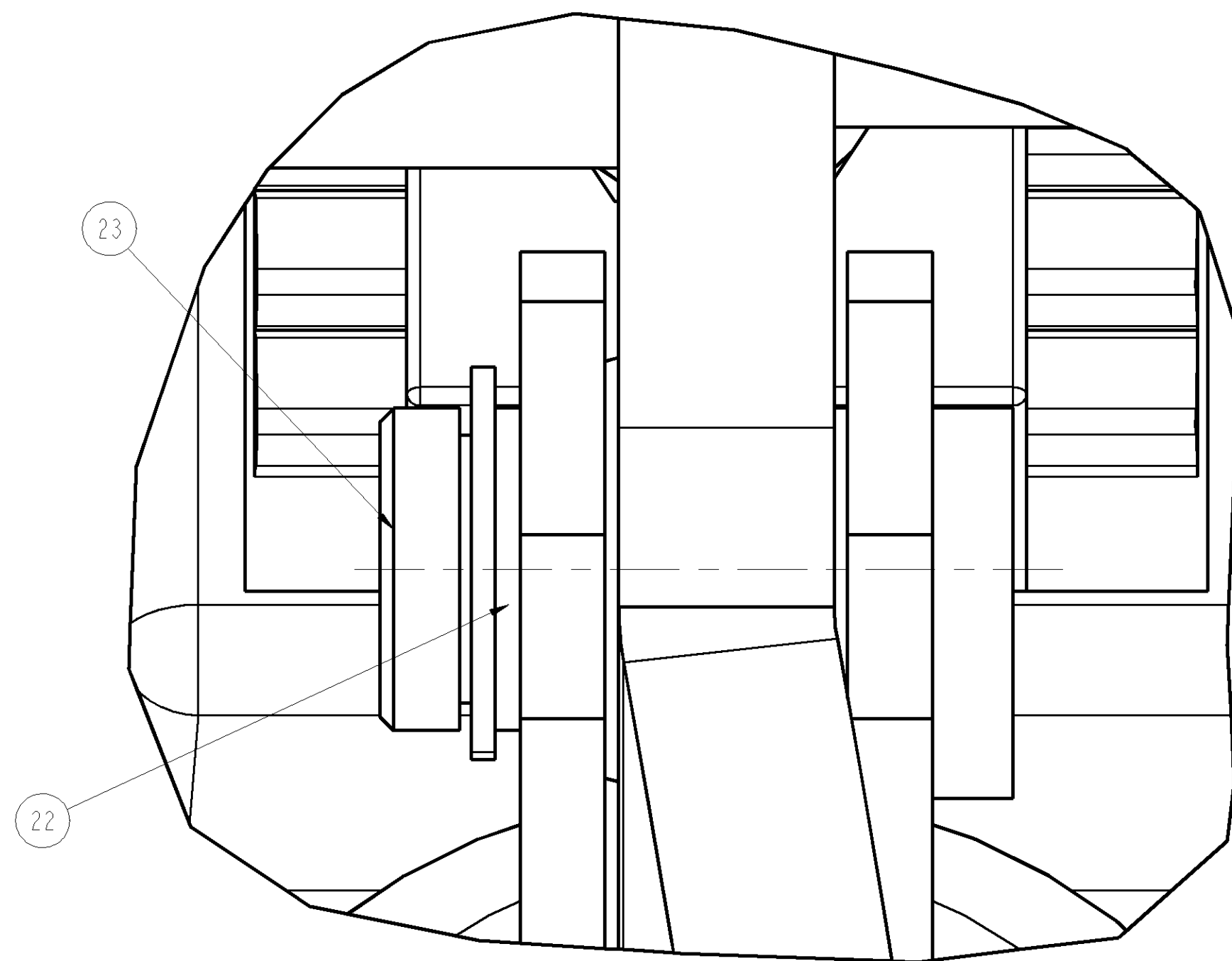
CLUTCH MASTER CYLINDER
SCALE 1:1

⊙ MINOR KIT (CMC) MSP 2/38 FOR M601210, M601280, M601390, M601480
TML KIT NO.-5006 2999 01 04N

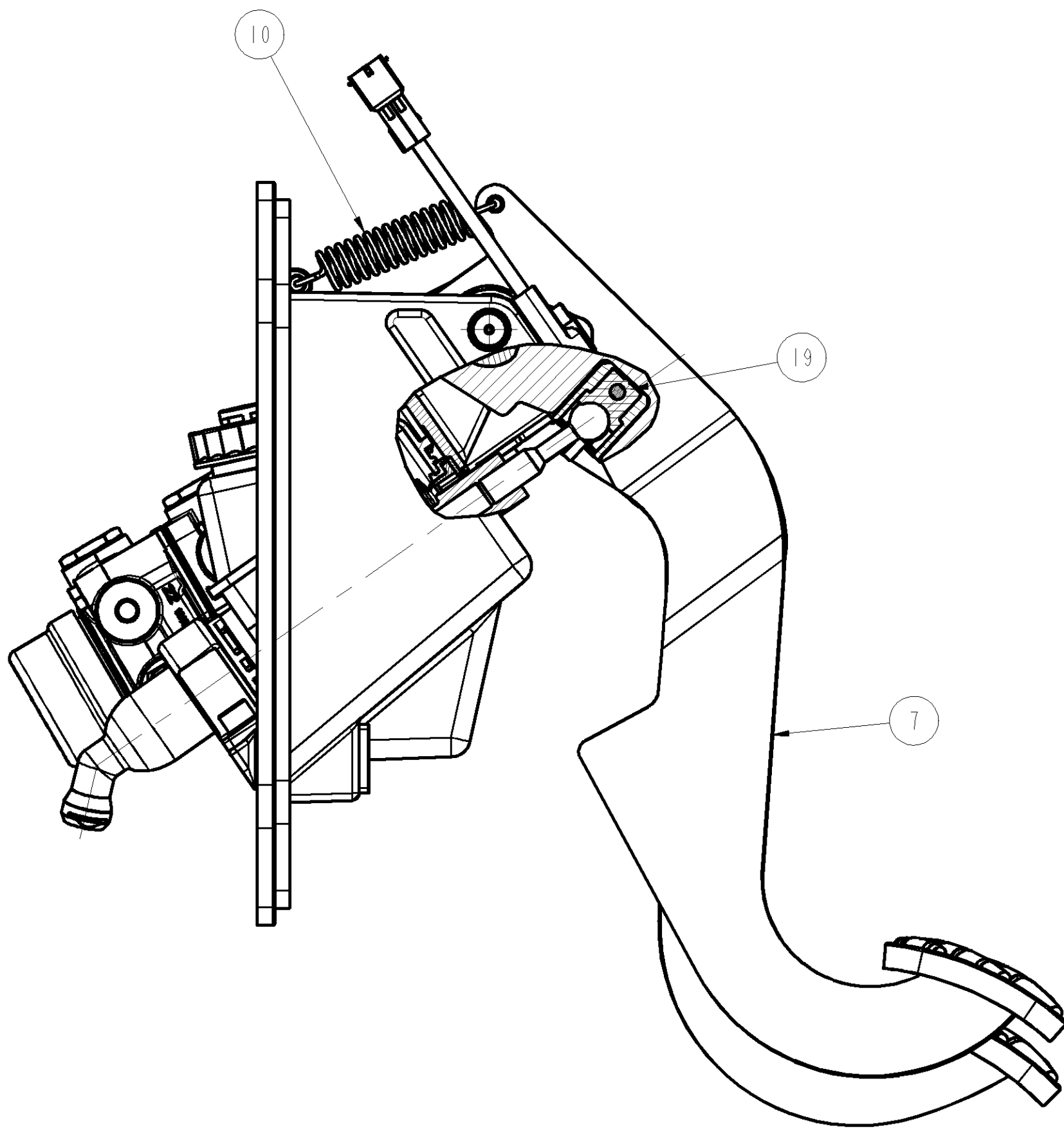
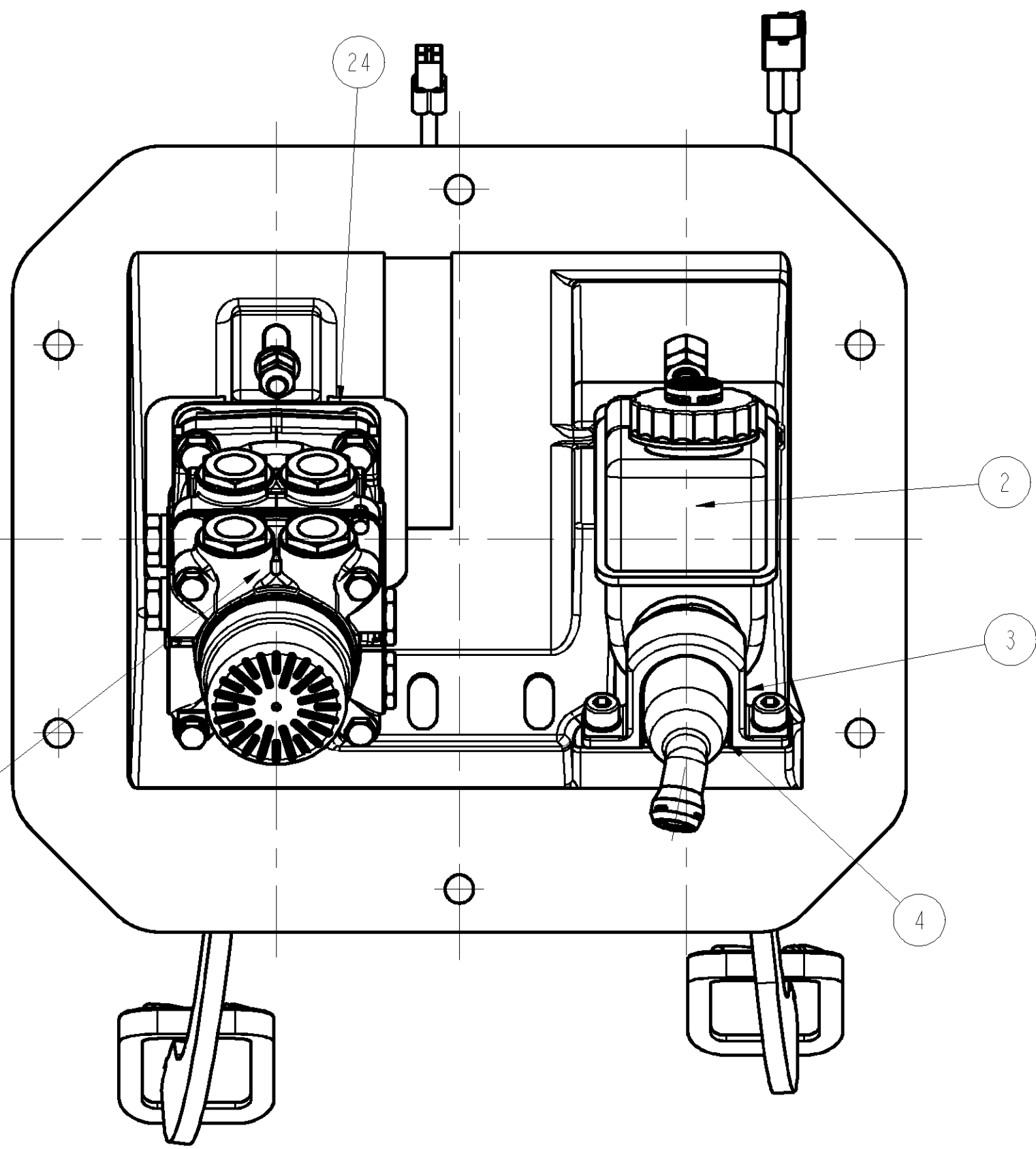
S.NO.	DESCRIPTION	WITL PART NUMBER	QUANTITY	TML PART NUMBER
17	SEAL OF CMC	897 161 627 4	1	5006 2920 77 02N
18	BELLOW OF CMC	897 754 891 4	1	5006 2920 77 03N
20	SEALING RING	897 085 809 4	1	5006 2920 77 05N
21	HANGER	970 001 410 4	1	5006 2910 31 02N
25	RETAINING RING	M633930	1	2880 2910 71 06N



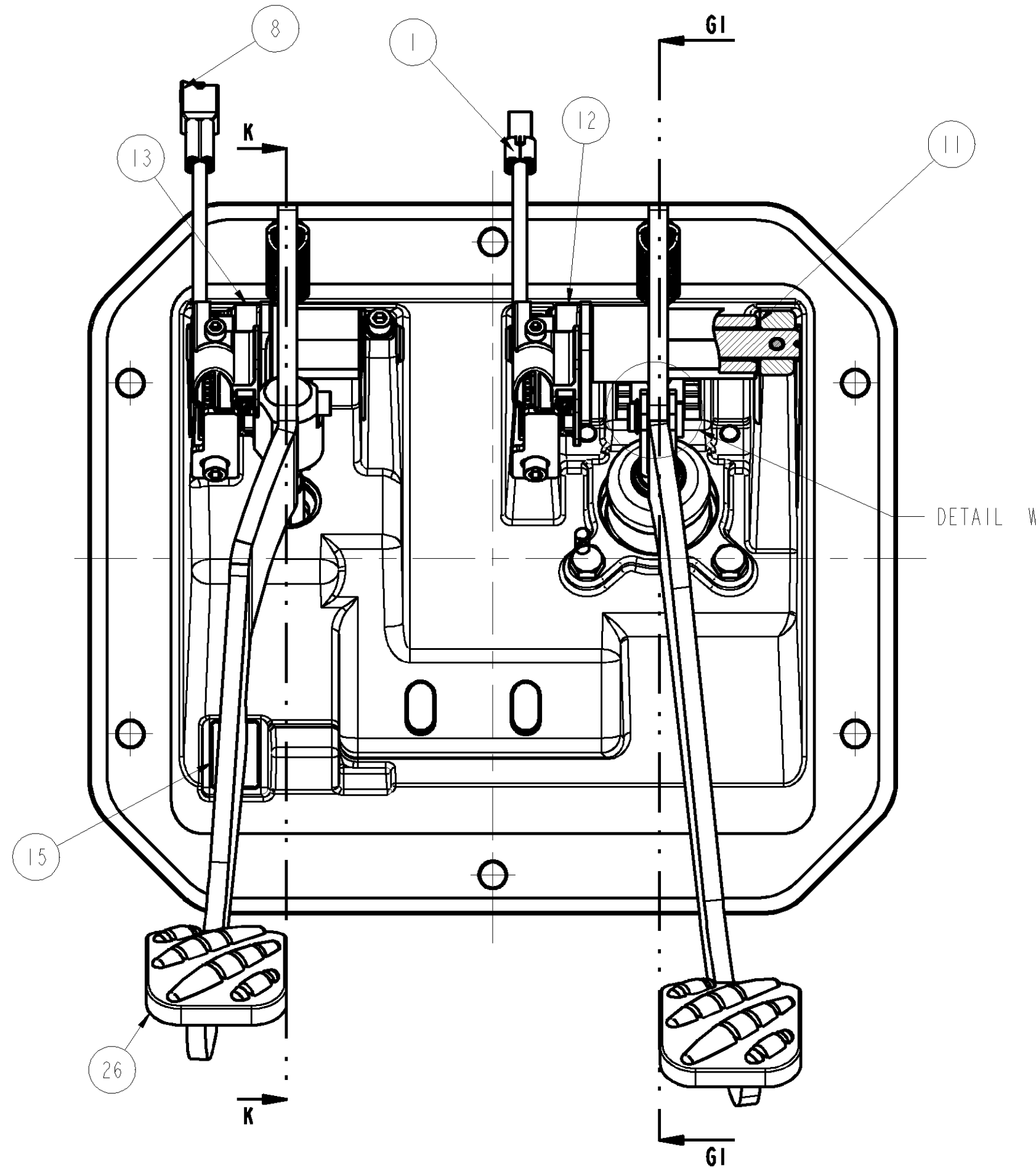
SECTION G1-G1
SCALE 1:1



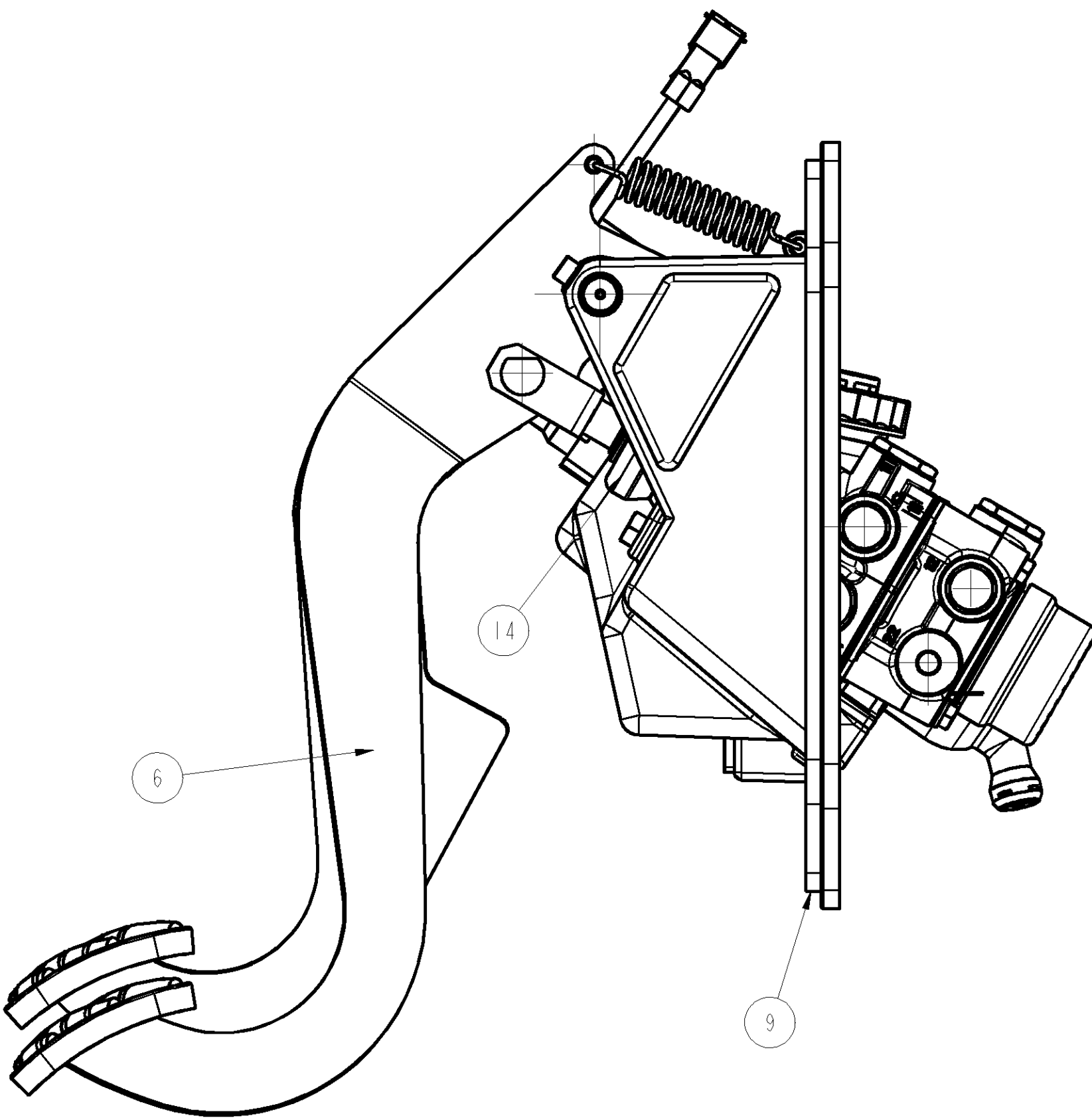
DETAIL W
SCALE 5:1



SECTION K-K



DETAIL W



General Specification: JED-354-1		Copyright WABCO®		WABCO	
Further Technical Data:		Date: 2014-06-02		Drawn: Korkhalekh	
Doc. Code:		Sheet: 1		To: Korkhalekh	
General Tolerances: JED-261		Date: 2014-06-02		Checked: Yegorsh	
Range of Nominal Dimensions (± mm)		Scale: 1:1		Date of first issue:	
Class 1) ± 50		2) ± 10		Doc. Code: 053	
Fine 0.5		Medium 1.0		Language: EN	
Coarse 2.0		Size: C40		Sheet: 2/3	
Trapped Holes acc:		Ech. No. 153723		Revision: 10	
1) Tolerance Class Applied: Conventional		Prt. No. 153723		Techn. Rep. 153723	
		100mm			

