

Comments on 1An.6016Ax (*) Front kit

The Brembo High Performance Brake System (kit) code 1An.6016Ax (*) is developed specifically for the front axle of the following application (V.I.N: AP113)

Manufacturer	Model	Year From	Year To	Caliper POT	Caliper Finish	Disc Size and Type	Drilled KIT P/N	Slotted KIT P/N
HONDA	S2000 Front	1999	2010	4	B,R,S	328x28 2-Piece	1A1.6016A	1A2.6016A

- (*) n=1 in case of cross-drilled discs;
 n=2 in case of slotted discs;
 x=1 in case of black calipers;
 x=2 in case of red calipers;
 x=3 in case of silver calipers.

Here listed the Bill Of Material inside the Brembo Front GT KIT (example with red caliper and drilled disc):

P/N	DESCRIPTION	Q.TY
05877423	SCREW TCEI M12X1.5X65	4
20778411	CALIPER P4.36/40	1
20778421	CALIPER P4.36/40	1
902552	BRACKET	2
903500	90-03 ACURA NSX FRONT	2
905030	BOLT, HEX, M12X1.25X40MM	4
905031	WASHER, M12, 0.3MM THICK	4
905509	WASHER, M12, SMALL OD	4
911560L	DISC ASSEMBLY LEFT	1
911560R	DISC ASSEMBLY RIGHT	1

KIT'S COMPONENTS AND THEIR MATERIAL

BREMBO S.p.A.	Sede legale	Sede amministrativa e uffici		
www.brembo.com	Via Brembo, 25 24035 CURNO Bergamo (Italy)	Viale Europa, 2 24040 STEZZANO Bergamo (Italy)	Tel. +39 035 605 1111 Fax +39 035 605 2300 Cap. Soc. € 34.727.914 Export M BG 020900	R.E.A. 134667 Registro Imprese BG Codice Fiscale e Partita IVA n° 00222620163



1) DA328 ASSEMBLY DISC , P/N 911560L/R

a. Drilled brake annulus p/n 906516/17 machined from raw disc in GLH46 cast iron

- Hardness (HBW): 180-220

- Wedge pressure resistance (N/mm²): RmK=142 MIN/Rm 200 MIN

The same material is used as standard for the production of disc annulus used in others GT kits.

b. Disc bell P/N 90.1782 machined from extruded aluminum bar. Material EN AW 6082 T6 or EN AW 6061 T6, UNI EN 573/3. Rm 280 N/mm² MIN

The same material is used as standard for the production of bells for O.E. discs and for other disc bells for homologated GT kits. Some example:

- P/N 90.1754 used in KIT 1M1.9021A1 to A5. AUDI S4/S4 AVANT/S5/S5 Cabriolet/Q5. Teilegutachten 12/0363-00 (FAKT)

- P/N 90.1814 used in KIT 1P1.8505A1 to A5. AUDI A3, VW GOLF/JETTA/BEATLE. Teilegutachten 12/0490-00 (FAKT)

c. Steel bushings . Rm 620 N/mm² MIN

d. Class 8.8 steel bolts

2) CALIPER BRACKET, P/N 902552 Machined from aluminum billet. Material EN AW 6082 T6 or EN AW 6061 T6, UNI EN 573/3. Rm 280 N/mm² MIN

The same material is used as standard for the production of other caliper brackets for homologated GT kits. Some example:

- P/N 90.2754 used in KIT 1M1.9021A1 to A5. AUDI S4/S5 (B8), AUDI Q5 (8R). Teilegutachten 12/0363-00 (FAKT)

- P/N 90.2661 used in KIT 1N1.9001A1 to A3 . BMW M6/M6. Teilegutachten BK-000045-A0-164 (TUV)

- P/N 90.2540 used in KIT 1B1.8016A1 TO A3. PORSCHE 996/997 C2,C4,C2S,C4S, Turbo; PORSCHE 986/987 Boxster, BoxsterS, Cayman. Teilegutachten BK-000044-B0-164 (TUV).

3) P4.36/40 BRAKE CALIPER, P/N 20778411/21 (the last digit can be different in function of the color).

Caliper machined from aluminum casting (Gc Al Si 5 Cu Mg)

Class 8.8 steel bolts

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Pads P/N 07.5146.31: Ferodo HP1000 (FM1000) lining

The calipers were validated inside Brembo with resistance and fatigue tests: Bursting strength; Torque strength; Fatigue test (hydraulic pressure); Fatigue test (hydraulic pressure + torque); Fatigue test at high temperature (hydraulic pressure + temperature)

Tests parameters and results are available if required, and can be sent directly to the homologation technical center.

The same calipers are used for others O.E. application and TUV/FAKT homologated GT kits (leading mounting version). For example:

- 33.0001.01 to 11. AUDI TT. Teilegutachten BK-000001-B0.164 (TUV)

- 33.0019.04 to 11. AUDI A3, SEAT LEON/TOLEDO, SKODA OCTAVIA, VW N.BEATTLE/GOLFSVI/BORA. Teilegutachten BK-000012-B0-164 (TUV)

- 33.0002.00 to 11. ALFA 147/156. Teilegutachten BK-000013-A0-164 (TUV)

- 33.0016.00 to 11 . VW GOLF V/TOURAN, AUDI A3, SEAT ALTEA, SKODA OCTAVIA II. Teilegutachten BK-000014-B0-164 (TUV)

- 33.0027.00 to 11 . ALFA 916 SPIDER/GTV. Teilegutachten BK-000027-A0-164 (TUV)

- KIT 1A1.3004A1 to A5. FIAT 500, 500 ABARTH. Teilegutachten 12/0372-00 (FAKT).

The casted half-caliper bodies are marked for identification: 20.7665.00 (external side) and 20.7666.00 (caliper fixing side) on both LH and RH caliper.

4) M12x1,5 CALIPER FIXING BOLTS , P/N **05877423**

Class 10.9 steel; material used as STD for the caliper fixing bolts in all the Brembo GT kits.

5) Brake line p/n **903500**

Goodridge Type 1 FMVSS-106

Brembo S.p.A.
BU Performance

Luca Battistella
Market Manager

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