Synchronize Carburetors fast and accurately with

Type BK







Synchrometer Type BK Carburetor Air Flow Meter

Features an additional by-pass for higher air flow to provide precision balancing also at higher RPM without changing the mixture strength at idle.

Indication range: with the by-pass closed:1 to 35 kg/h The large, easy to read face is numerical calibrated in kg per hour air flow delivers fast measurement for all types of carburetors, regardless of horizontal or vertical position.

Synchrometer, an important instrument for the conscientious tune-up specialist that provides precise information on all multiple carburetor systems at idle and at midrange transition modes and quickly spots jammed shafts and misaligned throttle plates.

If two or more Synchrometer instruments are applied (preferably Type BK), the hands are free to check and adjust the throttle linkage. Special adapters will hold the Synchrometer tightly instruments to the Carburetor intake:



Synchrometer Type SK Carburetor Air Flow Meter

The rubber cone fits into the ram-pipes of the carburetors for a positive air tight seal without adapter.

The indication range is 1 to 30 kg/h to synchronize all carburetors. With the extended calibration at 1 to 3 kg/h, it is also especially useful to check the secondary throttle adjustment:

(The air flow at idle (closed position)



Example: Two-barrel Carburetor with twin adapter (for example No.40).

Example: BMW Motorcycles The rubber sleeve of the Type BK fits without adapter to the air tube between the Carburetor and the air filter.



ADAPTER No. 01: Zenith- INAT Carburetor BMW, MERCEDES, OPEL

Ideal for the tune-up specialist:

special adaptors (preferably type BK with the tight

fitting rubber sleeve) or Type SK with rubber cone

For single application, the Synchrometer can be used without adaptor or with the universal (hold-

The adaptors can be used with both type BK or

SK Synchrometer.

However, the rubber sleeve of the type BK has a

tighter fit to the adapters.

on Adaptor) Cone No.18 or angle plate No.10

which fits perfectly to ram pipes intake.



Nr. 118



Sets of two or more instruments together with the Ram pipes : Synchrometer Type SK

Example S.U. and Stromberg Carburetor

or Type BK with adaptor No 118

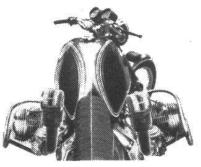
Special adapter Nr.22, 24

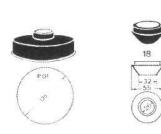
26, u. 28 or

with universal

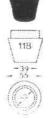
adaptor cone

No 18























Instructions to

test and adjust the throttle plate idle stop (the clearance at closed position) of the secondary stage of two-barrel carburetors

with the **Synchrometer** Carburetor Air Flow-Meter

- Simply place the Synchrometer Flow Meter into the secondary throat, using an adapter if necessary and check the air flow at idle speed.
- Operate the secondary throttle (on the linkage or vacuum connection lever) shortly up to approx. 10 kg/h and release it again.

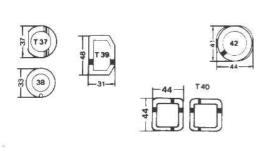
Repeat several times to check if the throttle valve is moving freely and always returns to the idle stop completely.

- If throttle, shaft and linkage are moving freely, the flow meter will always show the former air flow value at idle.
- 4. If the air flow always returns to this former value and if this value is with the tolerance (approx. 1,5 kg/h at idle), the mixture strength and RPM can be adjusted and it will stay that way.
- 5. If the air flow shows a higher or lower value and changes every time after the throttle is operated, the mixture strength and the idle RPM are also upset. It is useless to attempt the adjustments.

The throttle valve, shaft, linkage or rod must first be corrected to move freely before a stable tuning adjustment at idle can be achieved.

Adaptors for secondary throat:

| No. | suitable | approx.:size | |
|------|----------|----------------|----------------|
| | for | | mm |
| T 50 | Solex | 2 B 2 | 36 x 30 |
| T 42 | Solex | 32TEIE | 41 Ø |
| T 42 | Weber | 32ADF 4 | 41/44 |
| T 46 | Weber | 34DATR, DMTR | 42 Ø |
| T 49 | Weber | DFAV, DMS, DFH | 38×38 |
| T 37 | Weber | DFT | 37 |
| T 40 | Weber | 32/36 DGAV | 44×44 |
| 38 | Weber | DGS 1 | 33 Ø |
| T 39 | Weber | 38/36 DM 1 | 31 x 48 |
| T 47 | Weber | DMTR | 37 |



Carburetor Flow-Meter Synchrometer Type SK

Air flow range 1 to 30 kg/h with most precise indication at 1 to 3 kg/h

To synchronize multiple
Carburetor systems and to check
the idle stop adjustment of the
secondary stage of two-barrel
progressive carburetors

How important is the clearance at closed position?

On two-barrel progressive carburetors, this throttle is only theoretically closed and the stop lever holds it "just a crack" open to prevent the plate touching and wearing into the housing.

This "just a crack air leak" is compensated by the idle mixture adjustment of primary stage

However, if this small "air leak" changes every time after the secondary throttle returns to the "closed" position, it will upset the idle mixture adjustment of the primary stage:

The throttle stop may be adjusted correctly, but the throttle plate is contaminated or jamming and does not always return to the former position. This can easily be detected by checking the air flow value directly at idle RPM.

Experienced air flow values of the secondary stage throttle at idle (closed position):

Weber Carburetors: 1,8 to 2,5 kg/h Solex Carburetors: 1,3 to 1,8 kg/h

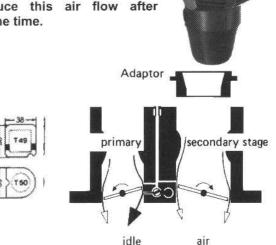
Solex Carburetors which have a small "by-pass hole"

in the throttle plate (easily visible): 4 to 5 kg/h Zenith INAT Carburetors: 1,0 to 1,5 kg/h $\,$

The air flow values of the secondary throttle are on the higher side on new

are on the higher side on new and rebuild clean carburetors.

Deposits on the throttle plate and wear on the stop lever will reduce this air flow after some time.



mixture



General Information:

Synchrometer Flow Meter is designed to measure the air flow on the air intake of the carburetor. The indication is more sensitive on the lower side of the scale to ensure most precise adjustment at idle and low R.P.M.

Type BK futures a rubber sleeve that can be rotated to open a bypass to allow a higher air flow. It fits to the outside diameter of approx. 2 inch (48 to 53 mm \emptyset) without adaptor.

Type SK with a rubber cone is ideal to fit inside ram pipes and intake bores of 1 5/8 to 2 1/8 inch (40 to 55 mm Ø) without adaptor.

If a single instrument is used - Type BK or SK, the following adaptors are sufficient for most carburetors:

No. 18 a short rubber cone for intake bore from 1 1/8 to 2 inch (29 to 51 mm Ø) ideal for Stromberg and S.U. Carburetors

No. 118 a long rubber cone for ram pipes (not necessary for SK)

Instructions:

- 1. Attach the Synchrometer to the carburetor intake.
- Check if the Synchrometer indicates equal air flow on all intakes at idle and higher R.P.M.
- The air flow deviation should be not more than 1 line of the scale at idle R.P.M. Accelerate several times and observe the air flow to detect and locate jamming linkage, excessive play and week returning springs etc. (preferable using two instruments)
- 4. To synchronize the idle air flow, it is suggested to disconnect the linkage or rod between the carburetors to permit a separate adjustment of each carburettor. Adjust the idling stop or idle bypass until the Synchrometer indicate an equal air flow. Check and readjust the idle mixture at this time.
- Replace the linkage between the carburetors again and recheck the air flow. This linkage (lever or rod) must be adjusted until an equal air flow is indicated at idle, transition (up and down) to high idle and higher R.P.M. Check as described above (3)

While a single instrument is sufficient, the use of two matched **SYNCHROMETER** instruments has many advantages: The instruments stay connected to the carburetors and the hands are free to adjust and accelerate etc.

It saves time to locate jamming joints at different R.P.M. The air flow can constantly be observed until the tune up is completed with all timing, mixture and high idle warm up adjustments.

On engines with high mileage, the fumes from the crankcase will affect the idle mixture strength and R.P.M.

For final tuning without air filter connection to the crankcase, the hose can be extended and connected to the by-pass holes of the Type BK Synchrometer.

All adaptors listed can be used with Type BK (with rubber sleeve) and also Type SK (with rubber cone) Synchrometer

Two adaptors are required if two matched instruments are used. Exceptions: Twin adaptors such as No. T 40.

The Type BK *Synchrometer* fits many carburetors with intake diameter of approx. 2 inch, such as:

Citroen VISA GT, Mercedes 200, Opel and VW without adaptor. It is also ideal for BMW Motorcycles and fits tightly on the plastic tube (carb. to air filter) which serves as adaptor.

STE)

"SYNCHROMETER" Synchron-Tester

CARBURETOR FLOW - METER

Type BK Synchrometer to synchronize all multiple carburetor systems.

Maximal air flow with open by-pass: 50 kg/h for higher R.P.M. on larger engine. Indication of air flow with by- pass closed: 1 to 35 kg/h. Turning the rubber sleeve closes the by-pass.



Type SK Synchrometer to synchronize all multiple carburetor systems.

Air flow Indication: 1 to 30 kg/h. It is also suitable for checking and adjusting the air flow of the secondary stage throttle at closed (idle) position on progressive carburetors. (the normal air flow at idle is approx. 1 to 2 kg/h with the throttle closed)



Precise indication at all angles and positions.

The instruments are very robust and withstand excessive air flow and rough treatment.

Universal adaptors for application with single instruments:

With these "hold on" adaptors, the Synchrometer must be held to the carburetor intake.



"SYNCHROMETER"





Some adaptors are required regardless if a single or two matching Synchrometer are used, because of the special shape of the carburetor intake or difficult to reach intake opening: These and all adaptors on the list AFV are made to fit tight on the carburettor.

No. P 01 ZENITH INAT Carburetor: BMW Mercedes, Opel







No. T 40 Twin adaptor WEBER DGAS and DGAV



No. 41 Weber DCNF and various Carburetors



Adaptors marked P (Polyamide) or T (special) are suitable only for the carburetors listed.

All other adaptors are made of synthetic rubber and can also be used for intake diameter of similar size.

Adaptor combinations are possible for difficult to reach intake openings. Especially suitable for combinations are:

Angle extension No. 08, angle adaptor No. 28 and offset adaptor No. 54.



"SYNCHROMETER" Adaptor List for synchronizing multiple carburetors

Adaptor.No.:

| ALFA ROMEO | 166 Perfey Addition - TOMATIC DATABLE VIEW | | | |
|---|---|---|--|----------------|
| all models | SOLEX 40 DDH | | | |
| 01 11 - 0 | WEBER 40 DCOE | | 06 | SK |
| Giulia Super | SOLEX 40 PHH | (10) | 45 | |
| AUSTIN ROVER and | | 5 | | |
| with Stron | nberg CD and S.U. | | | |
| Ct 450 | S.U. HS 2 | (18) or | | |
| Stromberg 150 Stromberg 175 | | (18) (18) | 24 26 | |
| Stromberg 175 | S.U. HIF 6 | (18) | 26 + 2 | 7 |
| (see Rover) | S.U. HD 8 / HS 8 | (18) | 28 | BK |
| Austin Princess 2200 | | (n) | 08 | |
| ROVER | OU INTOINE THE MARK A | 0 00 00 | | |
| 3500 V8 S.U.HIF | (to fit inside flange) | S. 1887 (1977) | 08 | BK |
| 2600 3,5 | S.U. HS 6 | (18) | 26 | BK |
| 2000 TC | S.U. HS 8 | (n) | 28 | BK |
| BMW PKW | 5 0 75027657 | 9327 | 200 | |
| 1600, 1800, 2000 Ti | Solex 40 PHH | (10) | 45 | DIZ |
| 2,5 / 2,8 -/ 3 Lt 3,2 Ltr. S | | (n) (10) | 01 04 | BK BK |
| South research | SOIEX FAITA | (10) | 04 | |
| BMW Motorcycle R 50 No.: | 23 / R 60 No | 0.25 | 23 / 25 | ВК |
| | lo adaptor required v | | 23 / 23 | DIV |
| | he original connection | | e air cle | aner |
| CHRYSLER/ SIMCA | | | man and a section | -34007 |
| | | | | |
| | Wober 38 ADS | (n) | 41 | BK |
| 160 GT, 180 | Weber 38 ADS | (n) | 41 03 | ВК |
| 160 GT, 180 Simca 1300 | | (n) | 41 03 41 | ВК |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh | Weber 38 ADS eera Weber 36 DCN | (n) | 03 | ВК |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh | eera Weber 36 DCN | (n) IF (n) | 03 41 | |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh CITROEN SM | eera Weber 36 DCN Weber 42 DCNF | (n) IF (n) | 03 | |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT | eera Weber 36 DCN | (n) IF (n) | 03 41 | |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT | eera Weber 36 DCN Weber 42 DCNF Solex 35 BISA | (S) (B) | 03 41 118 | |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, | eera Weber 36 DCN Weber 42 DCNF Solex 35 BISA | (S) (B) | 03 41 118 | SK |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by | eera Weber 36 DCN Weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) | (S) (B) (18) (18) | 03 41 118 26 25 | SK |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas | eera Weber 36 DCN Weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) | (S) (B) | 03 41 118 | SK |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas | eera Weber 36 DCN Weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) ss System) | (n) (F (n) (S) (B) (18) (18) (n) | 03 41 118 26 25 129 | SK BK BK |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas FERRARI BB 512 (adaptor co | eera Weber 36 DCN Weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) ss System) ombination) (S | (n) (F (n) (S) (B) (18) (18) (n) | 03 41 118 26 25 129 8 + 54 | SK |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas) FERRARI BB 512 (adaptor co | eera Weber 36 DCN Weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) ss System) | (n) (F (n) (S) (B) (18) (18) (n) | 03 41 118 26 25 129 8 + 54 8 + 18 | SK BK BK |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas FERRARI BB 512 (adaptor co | eera Weber 36 DCN Weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) ss System) ombination) (S | (n) (F (n) (S) (B) (18) (18) (n) | 03 41 118 26 25 129 8 + 54 | SK BK BK |
| 160 GT, 180 Simca 1300 Simca 1300, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas) FERRARI BB 512 (adaptor co 308 Weber 40 DCN Weber DCNF | eera Weber 36 DCN Weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) ss System) ombination) (S | (n) (F (n) (S) (B) (18) (18) (n) | 03 41 118 26 25 129 8 + 54 8 + 18 13 | SK BK BK |
| 160 GT, 180 Simca 1300 Simca 1300, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas) FERRARI BB 512 (adaptor co 308 Weber 40 DCN Weber DCNF | eera Weber 36 DCN Weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) ss System) ombination) (S | (n) (S) (B) (18) (18) (n)) 118+2 | 03 41 118 26 25 129 8 + 54 8 + 18 13 41 | SK BK BK |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas) FERRARI BB 512 (adaptor co 308 Weber 40 DCN Weber DCNF FIAT 124 Sport (110 PS | eera Weber 36 DCN Weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) ss System) ombination) (S (S | (n) (S) (B) (18) (18) (n)) 118 + 2) 11 | 03 41 118 26 25 129 8 + 54 8 + 18 13 | SK BK BK |
| 160 GT, 180 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas) FERRARI BB 512 (adaptor co 308 Weber 40 DCN Weber DCNF FIAT 124 Sport (110 PS | weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) schembination) (S (S)) Weber(with ram pigeber 40 DCN/ DCNF | (n) (S) (B) (18) (18) (n)) 118+2 | 03 41 118 26 25 129 8 + 54 8 + 18 13 41 | SK BK BK |
| 160 GT, 180 Simca 1300 Simca 1300, Baghe CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas) FERRARI BB 512 (adaptor or 308 Weber 40 DCN Weber DCNF FIAT 124 Sport (110 PS Dino Coupe We | weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) schembination) (S (S)) Weber(with ram pigeber 40 DCN/ DCNF | (n) (S) (B) (18) (18) (n) 118+2) 11 | 03 41 118 26 25 129 8 + 54 8 + 18 13 41 | SK BK BK |
| 160 GT, 180 Simca 1300 Simca 1300, Baghe CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas) FERRARI BB 512 (adaptor of 308 Weber 40 DCN Weber DCNF FIAT 124 Sport (110 PS Dino Coupe We 130 Weber DCF (item) | weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) pmbination) (S (S)) Weber(with ram pigeber 40 DCN/ DCNF twin adaptor) | (n) (S) (B) (18) (18) (n) 118+2) 11 (n) (n) (n) | 03 41 118 26 25 129 8 + 54 8 + 18 13 41 | SK BK BK |
| 160 GT, 180 Simca 1300 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas) FERRARI BB 512 (adaptor co 308 Weber 40 DCN Weber DCNF FIAT 124 Sport (110 PS Dino Coupe We 130 Weber DCF (i) FORD 20 M etc.Solex DD | weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) ss System) ombination) (S (S)) Weber(with ram pigeber 40 DCN/ DCNF win adaptor) | (n) (S) (B) (18) (18) (n) 118+2) 11 | 03 41 118 26 25 129 8 + 54 8 + 18 13 41 11 13 15 | SK BK BK |
| 160 GT, 180 Simca 1300 Simca 1300, Baghe CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas) FERRARI BB 512 (adaptor of 308 Weber 40 DCN Weber DCNF FIAT 124 Sport (110 PS Dino Coupe We 130 Weber DCF (i) | weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) pmbination) (S (S) Weber(with ram pigeber 40 DCN/ DCNF twin adaptor) DIST (twin adaptor) Solex EEIT S (twin adaptor) | (n) (S) (B) (18) (18) (n) 118+2) 11 (n) (n) (n) (n) | 03 41 118 26 25 129 8 + 54 8 + 18 13 41 11 13 15 | SK BK BK |
| 160 GT, 180 Simca 1300 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas) FERRARI BB 512 (adaptor co 308 Weber 40 DCN Weber DCNF FIAT 124 Sport (110 PS Dino Coupe We 130 Weber DCF (i) FORD 20 M etc. Solex DD 2,0 - 2,3 - 2,6 - 2,8 | weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) pmbination) (S (S) Weber(with ram pigeber 40 DCN/ DCNF twin adaptor) DIST (twin adaptor) Solex EEIT S (twin adaptor) | (n) (S) (B) (18) (18) (n) (1) (n) (e) (18) (n) (n) (n) | 03 41 118 26 25 129 8 + 54 8 + 18 13 41 11 13 15 | SK BK SK |
| 160 GT, 180 Simca 1300 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas) FERRARI BB 512 (adaptor co 308 Weber 40 DCN Weber DCNF FIAT 124 Sport (110 PS Dino Coupe We 130 Weber DCF (6) FORD 20 M etc.Solex DD 2,0 - 2,3 - 2,6 - 2,8 3 Ltr. Weber DGAS RS: Escort 2 I and | weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) pmbination) (S (S) Weber(with ram pigeber 40 DCN/ DCNF twin adaptor) DIST (twin adaptor) Solex EEIT S (twin adaptor) | (n) (S) (B) (18) (18) (n) 118+2) 11 (n) (n) (n) (n) | 03 41 118 26 25 129 8 + 54 8 + 18 13 41 11 13 15 | SK BK SK |
| 160 GT, 180 Simca 1300 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas) FERRARI BB 512 (adaptor or 308 Weber 40 DCN Weber DCNF FIAT 124 Sport (110 PS Dino Coupe We 130 Weber DCF (i) FORD 20 M etc.Solex DD 2,0 - 2,3 - 2,6 - 2,8 3 Ltr. Weber DGAS RS: Escort 2 I and | Weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) ombination) (S (S) Weber(with ram pigeber 40 DCN/ DCNF twin adaptor) PIST (twin adaptor) Solex EEIT S (twin adaptor) Fiesta 1,1 I. (| (n) (S) (B) (18) (18) (18) (n) (n) (n) (n) (n) (n) (s) (18) (n) (n) (n) (n) (n) (n) (n) (n | 03 41 118 26 25 129 8 + 54 8 + 18 13 41 11 13 15 | SK BK SK |
| 160 GT, 180 Simca 1300 Simca 1300 Simca 1100, Bagh CITROEN SM Visa GT DATSUN NISSAN 1600: Nr. 24, 240 Z (withhout by 260 Z (with by-pas) FERRARI BB 512 (adaptor co 308 Weber 40 DCN Weber DCNF FIAT 124 Sport (110 PS Dino Coupe We 130 Weber DCF (6) FORD 20 M etc.Solex DD 2,0 - 2,3 - 2,6 - 2,8 3 Ltr. Weber DGAS RS: Escort 2 I and | Weber 42 DCNF Solex 35 BISA 1800, SS y-pass System) ombination) (S (S) Weber(with ram pigeber 40 DCN/ DCNF twin adaptor) PIST (twin adaptor) Solex EEIT S (twin adaptor) Fiesta 1,1 I. (| (n) (S) (B) (18) (18) (n) 118+2) 11 (n) (n) (n) (n) | 03 41 118 26 25 129 8 + 54 8 + 18 13 41 11 13 15 | SK BK SK |

- (B) No adaptor required if a single Type BK is used.
- (S) No adaptor required if a single Type SK is used.

The code shown with the adaptor No.(x) indicates which adaptor is suitable if a single Synchrometer is used:

- (n) This adaptor is necessary, regardless if a single or two matched Synchrometer are used.
- (18) Adaptor No. 18 suitable for single Synchrometer

| Adaptor.No. |
|-------------|
|-------------|

| | | | | Adaptor. | |
|---|------------------------------|--------------------------------------|------------------|-----------------|---------|
| LANCIA | | | | | - 25 |
| Flavia | | Weber 40 DCN | (n) (18) | 13 109 | |
| Fulvia | Fulvia Weber (with ram pipe) | | | | |
| LOTUS (see Talbot) Cortina GT | | | (n) | 06 | _ |
| LAMBORGHINI 3,0 I V8 Weber DCNF | | | 1 + 118 | 20. | |
| MASERATI Weber DCNF | | | (S) 41 + 118 | | |
| MAZDA | | | | | |
| 323 GT | Hita | chi Carburetor | (H 10 |) 45 | |
| MERCEDES BE | WALES | | (B) | | |
| 200: Solex PDSI: no adapter required | | | | | BK |
| 220 S to 63: | | | (n) | | BK |
| 220, 230, 250 | 0, 280 S | with Zenith INAT | (n) | 01 | BK |
| MITSUBISHI | | | W 1 2 2 2 2 | | |
| Caleste 2000 |), Sappo | oro GSR 2000 | (H 10) | 45 | |
| OPEL | 10 | 86 86 | News 1 | | |
| | | apter required | (B) | | |
| Rekord Sprin | | Neber 40 DFO | (n) | | |
| All 6 Cylwi | th Zenit | h INAT | (n) | 01 | BK |
| PEUGEOT | | | | | |
| 304 S 205 | | EEISA (Solex) adapter required | (n) (B) | | |
| | | n Zenith NDIX 914/6 etc. (with BK | (n) (No 11 | 11 B) | |
| | | n ram pipes | (8 | | SK |
| RENAULT | | | | | |
| Albine, R 8 G | ordini, | Weber 40 DCOE | (n) | 13 | |
| R 12 G | | Weber 45 DCOE | (n) | 109 | |
| SAAB | | | | | |
| GLE | 3 | Stromberg CD (| n) 36/2 | 25 or 109 | |
| TALBOT | | 450 OD | (40) | 24 | |
| Sunbeam ,St | | | (18) | | |
| | | Weber 40 DCOE | (n) | 36 +25 | |
| Sunbeam Lo | tus Dell | Orto DHLA | (n) | 25 | |
| TOYOTA | | | (4.0) | 40 | |
| Celcia 1600 | SI | | (10) | | |
| Celcia GT | | | | 26 | |
| VOLVO | | 0.11.110.4 | (40) | 24 | DIA |
| 122 S, 544, E | | S.U. HS 4 | (18) | | BK |
| | | omberg 175 CD | (18) | | BK |
| 144 S, B 20 I | - | S.U. HIF 6 | (18) | | BK — |
| VW No adapter required for intake with 2 in | | inch dia | meter: | DV | |
| Type 3: 1500 | | control Division 44.4 | (B) | | BK |
| | | porter, Bus, 411 | (n) | | DV |
| K 70 | Solex | 40 DDHT till 1973 | (n) | 116 | BK |

All adaptors listed fit to Type BK (with rubber sleeve) and also Type SK (with rubber cone).

The special adaptors with a tight fit are required if two **Synchrometer** (preferably Type BK) are used.

The suggested type is shown after the adapter No.:

BK = preferably **Type BK** for a higher air flow with open by-pass to check and synchronize at higher R.P.M.

SK = preferably Type SK

Normally a single **Synchrometer** is sufficient. However, the tune up specialist will save time by using two or more instruments:

The instruments stay connected to the carburetor with hands free to accelerate and check at various R.P.M.

Two adaptors are required if two instruments are used except twin for adaptor No.14, 15 and 40.