

TABLE OF CONTENTS

	Page
ARMORED CRYSTALS	1
PRESS CRYSTALS	5
LIFT CRYSTALS	9
SNAP CRYSTALS	13
ACCUTRON CRYSTALS	33

BULOVA WATCH Model # 11688, White Auto, DD
Cust - RENN (CASE BACK # N247) TAKES
CRYS. # N246

INTRODUCTION

For the past few years Accutron, Bulova and Caravelle timepieces have had an identifying case number which can be found on the inside of the case back.

By referring to this case number, it is now possible to select the correct genuine crystal for Accutron, Bulova and Caravelle timepieces.

The following pages contain complete unbreakable crystal information divided into five groups: armored crystals, press-type crystals, lift crystals, regular snap-in crystals and Accutron crystals.

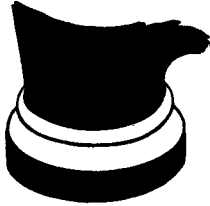
In this Crystal Manual the crystal number, metric measurement and movement model are given for each numbered case as well as for cases which previously were not identified by case number.

USE THE CASE NUMBER FOUND ON THE INSIDE OF THE CASE BACK TO ORDER ALL CASE PARTS.

www.ifixtimemachines.com

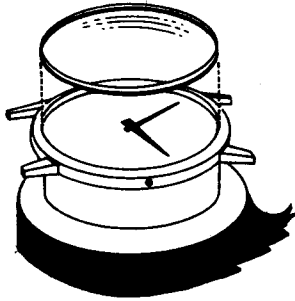
TO INSERT ARMORED CRYSTALS
(with reflector ring)

1. Insert proper plug for supporting case in base of tool.



2. Select proper size armored crystal female plug and insert into top plunger.

3. Prepare selected armored crystal for watch case.



4. Center case on support plug and position armored crystal over watch case opening.

5. Bring down handle of press slowly so that the female plug is carefully centered over the crystal.

6. Apply more pressure on the handle which will force the crystal into the watch case.

The label on each crystal provides:

1. Identification of the Accutron, Bulova or Caravelle crystal even after it has been removed from its envelope container.
2. Positive assurance to your customer that a genuine Accutron, Bulova or Caravelle crystal has been fitted.

ARMORED CRYSTALS

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
213	1139A	28.7	11 AFAC	Snorkel-White Ring
272	1139A	28.7	11 AFAC	Snorkel-White Ring
273A	273A	38.7	11 AFAC	Snorkel-White Ring
277A	889A	30.6	11 AFC	White Ring
299	299A	18.0	7 BUC	White Ring
313	1313A	30.6	11 AERC	White Ring
314	314A	33.7	11 AFAC	Snorkel-White Ring
315	315A	16.6	6 COAC	White Ring
316	316A	33.64	214	Accutron-White Ring
317	318A	30.	214	Accutron-White Ring

ARMORED-Page 1

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
318	318A	30.	214	Accutron-White Ring
386	386A-1	30.6 28.1	11 AFACD	Calendar-Snorkel-White Ring
890	890A	29.7	11 AFC	Bulova Int'l-Yellow Ring
889A	889A	30.6	11 AFC	White Ring
987	987A	30.3	11 AFC	White Ring
987	987A	30.3	11 AFAC	White Ring
1703	1703A	27.2	10 BZAC	White Ring
2446	A-1254EW	30.9	214	Accutron-White Ring
2453	A-1254EY	30.9	214	Accutron-Yellow Ring

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2453	A-1254EW	30.9	214	Accutron-White Ring
2528	A-1270EW	32.7	214	Accutron-Spaceview-White Ring
2531	A-1271EY	31.1	214	Accutron-Spaceview-Yellow Ring
2548	A-1254EY	30.9	214	Accutron-Yellow Ring
2549	A-1254EY	30.9	214	Accutron-Yellow Ring
2600	A-1270EW	32.7	214	Accutron-White Ring
5931	1139A	28.7	11 AFAC	Snorkel-White Ring
96.201	5102AC	31.1	11 AFAC	Bulova Int'l-Calibrated-White Ring
5745.5	5111A	29.2	11 AFACD	Bulova Int'l-White Ring

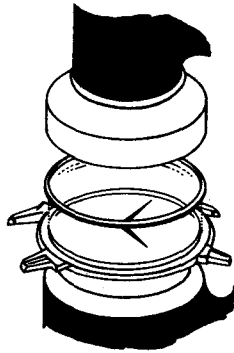
ARMORED-Page 3

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
5745.5	5119A	29.2	11 AFACD	Bulova Int'l-Yellow Ring
248/318	5116A	30.5	11 AFACD	Bulova Int'l-Yellow Ring
248/318	5117A	30.5	11 AFACD	Bulova Int'l-White Ring
*	1130A	27.7	11 AFC	R & W Case-White Ring

*This crystal was used in cases prior to our numbering system. However, it is still a popular number and we have supplied as much information as we possibly can.

TO INSERT "PRESS" CRYSTALS

1. Select proper female plug to fit directly over the outer bezel of the case (it should not touch crystal).
2. Insert "Press" crystal over the case wall which surrounds the dial.
3. Use the female plug in press to press down the outer bezel over the crystal. Protect the bezel with a piece of tissue paper.



The label on each crystal provides:

1. Identification of the Accutron, Bulova or Caravelle crystal even after it has been removed from its envelope container.
2. Positive assurance to your customer that a genuine Accutron, Bulova or Caravelle crystal has been fitted.

P R E S S C R Y S T A L S

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
1539	1539S	28.5	11 ACAC	
1539	1539S	28.5	11 AFAC	
1627C	1627C	29.9	11 AFC	
1627	1627S	30.0	11 AC	
1653	1653S	28.5	11 ACAC	
1653	1653S	28.5	11 AFAC	
1934	1112E	28.3	11 AFC	
2092	1166E	23.1 - 23.5	8 AC	Square with Gasket
2214	1126E-2	28.5	11 AF	
2214	1126E-5	28.6	11 AF	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2215	1126E-2	28.5	11 AF	
2215	1126E-5	28.6	11 AF	
2265	1214E	29.9	10 BZAC	
2266	1214E	29.9	10 BZAC	
2267	1214E-2	30.05	10 BZAC	
2373	1126E-2	28.5	11 AFAC	
2386	1126E-6	28.8	11 AFAC	
2406	1214EG	30.0	10 BZAC	
A2410	1245E	31.0	214	Accutron
2410	1245E	31.0	214	Accutron
2411	1214E	29.9	11 AFAC	
2433	1214E	29.9	11 AFAC	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
6310	6310-S	30.2	11 AC	
406/32/30	1406	25.3 x 25.3	11 AFAC	Square With Gasket
406/32/30	1406	25.3 x 25.3	11 AFC	Square With Gasket
*	1036	26.1	11 AF	
*	1037	26.0	11 AFC	
*	1043	28.4	11 AFAC	
*	1044	28.5	11 AFAC	
*	1049W	23.5	10 CBAC	Square With Gasket
*	1112E-1	28.3	11 ACC	
*	1112E-2	28.3	11 AFC	

*These crystals were used in cases prior to our numbering system. However, they are still popular numbers and we have supplied as much information as we possibly can.

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
*	1112E-3	28.3	11 AFC	
*	1126E	28.6	11 AFC	
*	1126E Thick	28.65	11 AFC	
*	1126E-3	28.5	11 AFC	
*	1214E Thick	29.9	10 BZAC	
*	1214E-1	30.1	10 BZAC	
*	1214E-3	30.00	10 BZAC	
*	1215E	30.6	11 AFAC	
*	1215E-1	30.65	11 AFAC	

*These crystals were used in cases prior to our numbering system. However, they are still popular numbers and we have supplied as much information as we possibly can.

TO REPLACE "LIFT" CRYSTALS
(for one piece cases)

Remove or replace Bulova lift crystals with any standard crystal lifter. Sides of these crystals are grooved so that the tool will fit properly.



The label on each crystal provides:

1. Identification of the Accutron, Bulova or Caravelle crystal even after it has been removed from its envelope container.
2. Positive assurance to your customer that a genuine Accutron, Bulova or Caravelle crystal has been fitted.

L I F T C R Y S T A L S

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2195	1198E-6	29.5	11 AFC	
2218	1198E-6	29.5	10 BZAC	
2242	1198E-9	29.3	10 BZC	
2260	1210E-2	30.58	10 BZC	
2263	1210E-2	30.58	10 BZC	
2264	1210E-2	30.58	10 BZC	
2292	1210E-1	30.4	10 BZC	
2295	1210E-1	30.4	10 BZC	
2326	1210E-2	30.58	10 BZAC	
2329	1210E-2	30.58	11 AFC	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2331	1210E-2	30.58	11 AFC	
2332	1210E-2	30.58	11 AFC	
2335	1210E-2	30.58	11 AFC	
2340	1210E-2	30.58	10 BZAC	
2342	1210E-2	30.58	11 AFAC	
A2344	1198E-9	29.3	11 AFC	
2348	1210E-4	30.6	10 BP	
2359	1235E	26.9	11 AF	
2384	1210E-2	30.58	10 BZAC	
2399	1210E-2	30.58	10 BZC	

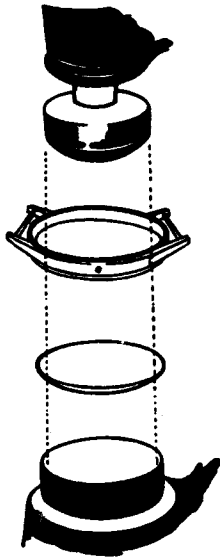
<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
A2423	1210E-2	30.58	11 AFC	
2423	1210E-2	30.58	11 AFC	
2449	1210E-2	30.58	11 AFAC	
2449	1210E-2	30.58	10 BZAC	
2464	1198E-9	29.3	10 BZC	
2537	1235E-2	26.9	10 CRAC	
2537	1235E-1	27.	10 CRAC	
2591	1210E-2	30.58	10 CRAC	
2607	1302E	30.	10 CRAC	
2613	1304E	25.2	10 CRAC	

LIFT-Page 11

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
*	B5000	31.1	10 BZ	Jonell Case
*	B5050	28.5	10 BZ	Jonell Case

*These crystals were used in cases prior to our numbering system. However, they are still popular numbers and we have supplied as much information as we possibly can.

TO INSERT REGULAR SNAP-IN
UNBREAKABLE CRYSTALS



1. Select proper size male and female plugs. Insert male plug into the top plunger and female plug into the base of the press.

2. Lift bezel face down over the male plug and place proper crystal face down on the female plug.

3. Move press handle slowly so that male plug rests on the center of the crystal.

4. Lower watch bezel to the crystal edge.

5. Apply pressure to press handle until crystal snaps into the bezel opening.

The label on each crystal provides:

1. Identification of the Accutron, Bulova or Caravelle crystal even after it has been removed from its envelope container.
2. Positive assurance to your customer that a genuine Accutron, Bulova or Caravelle crystal has been fitted.

S N A P C R Y S T A L S

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
261	1626R	29.6	11 AFACD	Calendial
275	275	29.2	10 BZAC	Swiss
276	1307-S	29.2	10 BZAC	
1579	1579S	17.2	7 BUC	
1619	1619S	15.0	6 COAC	
1626	1626	29.8	11 AFACD	Calendial
1626	1626-2	29.7	11 AFACD	Calendial
1646	1646S	31.	11 AERC	
1704	1704S	26.07	11 AF	Tire Watch
1978	1147E	27.2	10 BZAC	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2048	1144E	28.7	11 AF	
2050	1145E-2	29.4	11 AF	
2055	1145E-2	29.4	11 AF	
2061	1147E	27.2	11 AFAC	
2062	1147E	27.2	11 AFAC	
2063	1147E	27.2	11 AFAC	
2070	1052E-2	26.3	11 AF	
2153	155E-1	15.7	10 BUC	
2154	1188E-3	31.6	10 BZC	
2163	1145E-1	29.5	10 BZ	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2168	1127E	28.6	10 BPAC	
2174	1051E-1	27.2	10 BZAC	
2186	1194E-1	14.5	6 COAC	
2193	1197E-1	16.1	6 CF	
2202	1051E-2	27.2	10 BZAC	
2203	1188E-1	31.7	10 BP	
2205	1076E	30.4	10 BZAC	
2212	1076E-3	30.3	10 BPAD	
2220	1198E-5	29.5	10 BZAC	
A2221	1201E-1	32.7	10 BZAC	Lentil
2221	1201E-1	32.7	10 BZAC	Lentil

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2224	1051E-3	27.2	10 BZAC	
2225	1198E-4	29.5	10 BZAC	
2226	1198E-7	29.6	10 BZAC	
2241	1198E-1	29.5	11 AFC	
2277	1125E-2	26.4	10 BZC	
2289	1198E-1	29.5	10 BZAC	
2293	1198E-5	29.5	10 BZAC	
2294	1198E-5	29.5	10 BZAC	
2304	1220E-2	29.1	214	Accutron
2304	1220E	29.0	214	Accutron

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
A2313	1222E-2	29.9	214	Accutron
2313	1222E	29.9	214	Accutron
2313	1222E-2	29.9	214	Accutron-Spaceview-Green
2319	1220E-2	29.1	214	Accutron
2319	1220E	29.0	214	Accutron-Spaceview-Green
2324	1220E-2	29.1	214	Accutron
2324	1220E	29.0	214	Accutron-Spaceview-Green
2327	1198E-3	29.7	11 AFC	
2336	1220E-1	29.2	11 AFC	
2344	1198E-1	29.5	11 AFC	
A2345	1198E-3	29.7	11 AFC	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2346	1201E-1	32.7	11 AFAC	Lentil
2346	1201E-1	32.7	11 AFC	Lentil
2347	1127E-4	28.6	10 BZAC	
A2354	1222E	29.9	214	Accutron
A2354	1222E-2	29.9	214	Accutron
2354	1222E	29.9	214	Accutron
2354	1222E-2	29.9	214	Accutron
2355	1220E-2	29.1	214	Accutron
2357	1198E-5	29.5	10 BZC	
2357	1198E-1	29.5	10 BZC	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2362	1210E-3	30.55	214	Accutron
2362	1210E-3	30.55	214	Accutron-Spaceview-Yellow
2362	1210E-3	30.55	214	Accutron-Spaceview-Green
2370	1239E	17.6	7 BUC	
2372	1127E-2	28.6	10 BZAC	
2378	1127E-2	28.6	10 BZACD	
2381	1145E-2	29.4	11 AF	
2381	1145E-2	29.4	11 AFF	
2382	1243E	30.1	11 AFAC	
2383	1243E	30.1	11 AFAC	
2385	1243E	30.1	11 AFAC	

SNAP-Page 19

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2387	1243E	30.1	214	Accutron
2388	1198E-5	29.5	10 BZC	
2389	1243E	30.1	11 AFAC	
2389	1243E-1	30.1	11 AFACD	
2391	1243E-1	30.1	214	Accutron
A2393	1243E-2	30.	11 AFACD	
2393	1243E	30.1	11 AFAC	
2393	1243E-1	30.1	11 AFACD	
2394	1220E-2	29.1	11 OAC	
2394	1220E-2	29.1	11 DO	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2395	1128E	27.3	11 OAC	
2395	1128E	27.3	11 DO	
A2397	1220E-3	29.	11 OFC	
2397	1220E-2	29.1	11 DO	
2397	1220E-2	29.1	11 OFC	
2398	1145E-2	29.4	11 AF	
2400	1243E-1	30.1	10 BZAC	
A2408	1222E-2	29.9	214	Accutron
2408	1222E-2	29.9	214	Accutron
2408	1222E	29.9	214	Accutron
2409	1220E-2	29.1	214	Accutron

SNAP-Page 21

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2409	1220E	29.0	214	Accutron-Spaceview-Green
2413	1145E-3	29.3	11 AF	
2421	1222E	29.9	10 BZAC	
A2422	1222E	29.9	11 AFAC	
2422	1222E	29.9	10 BZAC	
2424	1222E-1	30.	2 SO	
2424	1222E-2	29.9	11 OAC	
2424	1222E-2	29.9	11 DO	
2425	1247E-1	27.7	11 OAC	
2425	1247E-1	27.7	11 DO	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2428	1239E	17.6	RS	
2428	1239E	17.6	RJ	
2429	1220E-2	29.1	11 OAC	
2429	1220E-2	29.1	11 DO	
2429	1220E-2	29.1	11 OFC	
2434	1147E	27.2	11 AFAC	
A2444	1194E-2	14.5	6 COAC	
2444	1194E-1	14.5	6 COAC	
2444	1194E-1	14.5	6 CMAC	
A2450	1222E-2	29.9	10 BZAC	
2450	1222E	29.9	11 AFAC	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2450	1222E	29.9	10 BZAC	
2451	1243E	30.1	10 BZAC	
2451	1243E	30.1	11 AFAC	
2456	1243E-1	30.1	214	Accutron
2458	1256E	18.3	7 BEACD	
2463	1198E-3	29.7	10 BZC	
2465	1076E-4	30.3	11 AFAC	
2465	1076E-7	30.2	11 AFACD	
2467	1257E	25.	10 OC	
2468	1210E-5	30.5	11 OBAC	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2468	1210E-5	30.5	11 ORAC	
2475	1222E-2	29.9	11 OBAC	
2475	1222E-2	29.9	11 ORAC	
2481	1108E-2	26.8	11 DO	
2484	1260E	18.6	RJ	
2490	1201E-1	32.7	10 BZAC	Lentil
2491	1147E	27.2	11 AFAC	
2495	1247E-2	27.6	11 AF	
2495	1247E	27.8	11 AF	
2498	1198E-1	29.5	11 AF	
A2502	1108E-2	26.8	10 BZAC	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2502	1108E-2	26.8	11 AFAC	
2503	1127E-5	28.5	11 AF	
2504	1127E-5	28.5	11 AFF	
2514	1188E-4	31.6	11 DOD	
2519	1243E-1	30.1	11 ALACD	
2519	1243E-1	30.1	11 ALCD	
2522	1243E-1	30.1	11 ALD	
2523	1243E-1	30.1	11 ALACD	
2524	1127E-6	28.6	10 CRACD	
2525	1127E-6	28.6	10 CRACD	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2526	1243E-1	30.1	214	Accutron
2527	1243E-1	30.1	214	Accutron
2529	1243E-1	30.1	11 OXAC	
2530	1247E-1	27.7	11 DO	
2532	1076E-4	30.3	10 CRAC	
2538	1243E-1	30.1	11 OXACD	
2547	1277E	29.0	214	Accutron
2551	1220E	29.0	11 AFC	
2552	1260E	18.6	6 CF	
2553	1260E	18.6	6 CF	
2557	1260E-1	18.6	7 BEACD	
2558	1281E	29.7	214	Accutron-Boudoir Clock

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
2559	1281E	29.7	214	Accutron-Boudoir Clock
2560	1281E	29.7	214	Accutron-Boudoir Clock
2563	1076E-4	30.3	10 CRAC	
2564	1076E-4	30.3	10 CRAC	
2569	1240E	16.9	6 CMAC	
2616	1147E-4	26.9	214	Accutron
2617	1147E-4	26.9	214	Accutron
2618	1147E-4	26.9	214	Accutron
34244A	3424	31.	11 OBAC	German Case
402/453	1124S	29.8	11 AFAC	
1497/1/3	1497S	29.6	11 AF	

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
22137/14	2213S	18.7	7 BUC	
400/1/78/46	1224S	32.3	11 AF	
19017/251	1917S	17.5	7 BUC	
35255RD45	3525S	31.8	11 AFAC	
35257RD45	3527S	32.0	11 AFC	
33927/710LD39	710S	30.4	11 AFC	
*	155E	15.5	6 COAC	
*	580	14.9	6 COAC	
*	1051E	27.0	10 BZAC	
*	1052E-1	26.3	11 AC	

*These crystals were used in cases prior to our numbering system. However, they are still popular numbers and we have supplied as much information as we possibly can.

SNAP-Page 29

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
*	1076E-2	30.1	10 BZAC	
*	1083E	29.6	11 ACAC	
*	1086EF	30.6	10 BM	
*	1122E	30.8	11 AFC	German Case
*	1125E	26.5	10 BZC	
*	1125E-3	26.6	10 BZC	
*	1136E	14.5	6 BPA	
*	1143E	30.3	10 CNCH	Star Watch Case Company

*These crystals were used in cases prior to our numbering system. However, they are still popular numbers and we have supplied as much information as we possibly can.

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
*	1144E-1	28.7	11 AC	
*	1147E-1	27.0	11 ACAC	
*	1187E	29.7	8 BBA	
*	1189E	28.3	10 BPAC	
*	1201E	32.7	10 BZAC	Lentil
*	1420S	21.3	8 ORC	
*	1508S	30.9	11 OBAC	Swiss Case
*	1526S	30.5	11 OS	Swiss Case
*	2834E	30.9	11 AFC	
*	3070E	28.	11 DO	

*These crystals were used in cases prior to our numbering system. However, they are still popular numbers and we have supplied as much information as we possibly can.

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>DIAMETER</u>	<u>MODEL</u>	<u>COMMENTS</u>
*	3071E	30.4	2 S0	

*These crystals were used in cases prior to our numbering system. However, they are still popular numbers and we have supplied as much information as we possibly can.

ACCUTRON CRYSTALS

Accutron crystals include Snap-In, Press Type and Armored crystals. Insertion of these crystals is explained in the different sections covering each type crystal.

The label on each crystal provides:

1. Identification of the Accutron, Bulova or Caravelle crystal even after it has been removed from its envelope container.
2. Positive assurance to your customer that a genuine Accutron, Bulova or Caravelle crystal has been fitted.

www.ifixtimemachines.com

A C C U T R O N C R Y S T A L S

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>TYPE</u>	<u>DIAMETER</u>	<u>STYLE #</u>	<u>STYLE NAME</u>	
2304	1220E	Snap	29.0	25008	Accutron "541"	
				25009	Accutron "542"	
				25010	Accutron "544"	
				25016	Accutron "550"	
	or	1220E-2	Snap	29.1	25017	Accutron "551"
					25018	Accutron "R541"
					25021	Accutron "R544"
					25022	Accutron Special "I"
					25023	Accutron Special "I"
					25038	Accutron Special "I"
					25039	Accutron Special "I"
					25061	Accutron "505"
					25062	Accutron "506"
					2313	1222E
or			25001	Accutron "502"		
1222E-2	Snap	29.9	25004	Accutron "503"		

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>TYPE</u>	<u>DIAMETER</u>	<u>STYLE #</u>	<u>STYLE NAME</u>				
2313	1222E	Snap	29.9	25005	Accutron "504"				
				25024	Accutron Special "I"				
	or				25034	Accutron Special "I"			
					25035	Accutron Special "I"			
	1222E-2	Snap	29.9	25049	Accutron "554"				
				25050	Accutron "555"				
				25057	Accutron Spaceview "E"				
				25058	Accutron Spaceview "F"				
				2319	1220E	Snap	29.0	25003	Accutron "506"
								25014	Accutron "R505"
or				25015	Accutron "R506"				
				25020	Accutron Spaceview				
1220E-2	Snap	29.1	25031	Accutron Spaceview "D"					
			25025	Accutron Special "I"					
			25026	Accutron Special "I"					
			25013	Accutron "500"					
			25051	Accutron "556"					
			25052	Accutron "557"					

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>TYPE</u>	<u>DIAMETER</u>	<u>STYLE #</u>	<u>STYLE NAME</u>
2324	1220E	Snap	29.0	26003	Accutron "602"
	or			26007	Accutron Special "I"
	1220E-2	Snap	29.1	26013	Accutron Special "I"
2354	1222E	Snap	29.9	25011	Accutron Special "T"
				25012	Accutron Special "T"
	or			25013	Accutron "500"
	1222E-2	Snap	29.9	26902	Accutron Special "T"
A2354	1222E	Snap	29.9	25059	Accutron "512"
2355	1220E	Snap	29.0	26004	Accutron Special "T"
	or			26005	Accutron Special "T"
	1220E-2	Snap	29.1		
2362	1210E-3	Snap	30.55	21002	Accutron "205"
				21003	Accutron "206"
				21011	Accutron Special "I"
				21012	Accutron Special "I"
				21013	Accutron Spaceview "B"
				21014	Accutron Railroad "201"

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>TYPE</u>	<u>DIAMETER</u>	<u>STYLE #</u>	<u>STYLE NAME</u>
2362	1210E-3	Snap	30.55	21021	Accutron "210"
				21022	Accutron Special "I"
				21023	Accutron Special "I"
				21024	Accutron "212"
				21025	Accutron "211"
				21026	Accutron Spaceview "C"
				21033	Accutron "215"
				21041	Accutron "212"
				21043	Accutron "219"
				21044	Accutron "220"
				21045	Accutron "222"
				2387	1243E
24002	Accutron "209"				
24009	Accutron "401"				
24010	Accutron "202"				
24011	Accutron "402"				
24012	Accutron "400"				
24020	Accutron "D405"				
24021	Accutron "D406"				

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>TYPE</u>	<u>DIAMETER</u>	<u>STYLE #</u>	<u>STYLE NAME</u>
2387	1243E	Snap	30.1	24022	Accutron "407"
				24023	Accutron "408"
				24000	Accutron "207"
2408	1222E	Snap	29.0	25029	Accutron "508"
				25032	Accutron "510"
				25033	Accutron "511"
				25043	Accutron "D503"
				25044	Accutron "D504"
				25060	Accutron "513"
				25063	Accutron "560"
2408	1222E-2	Snap	29.9	25029	Accutron "508"
A2408	1222E-2	Snap	29.9	25042	Accutron "D502"
2409	1220E	Snap	29.0	25027	Accutron "507"
	or			25028	Accutron "R507"
	1220E-2	Snap	29.1	25053	Accutron "558"
				25054	Accutron "559"

ACCUTRON-Page 37

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>TYPE</u>	<u>DIAMETER</u>	<u>STYLE #</u>	<u>STYLE NAME</u>
2410	1245E	Press	31.	21200	Accutron Astronaut"A"
A2410	1245E	Press	31.	21202	Accutron Astronaut"B"
				21204	Accutron Astronaut"E"
				26200	Accutron Astronaut"C"
				26201	Accutron Astronaut"D"
B2410	1245E	Press	31.	26200	Accutron Astronaut"C"
2446	A1254EW	Armored (white)	30.9	21027	Accutron "214"
				21028	Accutron "213"
2453	A1254EW	Armored (white)	30.9	24007	Accutron "404"
2453	A1254EY	Armored (yellow)	30.9	24008	Accutron "403"
2526	1243E-1	Snap	30.1	21035	Accutron "217"

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>TYPE</u>	<u>DIAMETER</u>	<u>STYLE #</u>	<u>STYLE NAME</u>
2527	1243E or 1243E-1	Snap	30.1	24015 24016	Accutron "411" Accutron "412"
2528	A1270EW	Armored (white)	32.7	21036	Accutron Spaceview "G"
2531	A1271EY	Armored (yellow)	31.1	24018 24019	Accutron Spaceview "H" Accutron Spaceview "I"
2547	1277E	Snap	29.	21040	Accutron "210"
2548	A1254EY	Armored (yellow)	30.9	24014	Accutron "410"
2549	A1254EY	Armored (yellow)	30.9	24017	Accutron "413"
2558	1281E	Snap	29.7	20913	Accutron Petite "B" (Boudoir Clock)

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>TYPE</u>	<u>DIAMETER</u>	<u>STYLE #</u>	<u>STYLE NAME</u>
2559	1281E	Snap	29.7	20914	Accutron Petite "C" (Boudoir Clock)
2560	1281E	Snap	29.7	20912	Accutron Petite "A" (Boudoir Clock)
2600	A1270EW	Armored (white)	32.7	21047	Accutron "221"
316	316A	Armored (white)	33.64	21038	Accutron "209"
317	318A	Armored (white)	30.	21030	Accutron "216"
318	318A	Armored (white)	30.	21037	Accutron "218"
S & W	521	Fancy	Glass	25006 25007	Accutron "521" Accutron "522"

<u>CASE #</u>	<u>CRYSTAL #</u>	<u>TYPE</u>	<u>DIAMETER</u>	<u>STYLE #</u>	<u>STYLE NAME</u>
S & W	521	Fancy	Glass	25047	Accutron "552"
				25048	Accutron "553"
				25055	Accutron "514"
				25056	Accutron "515"