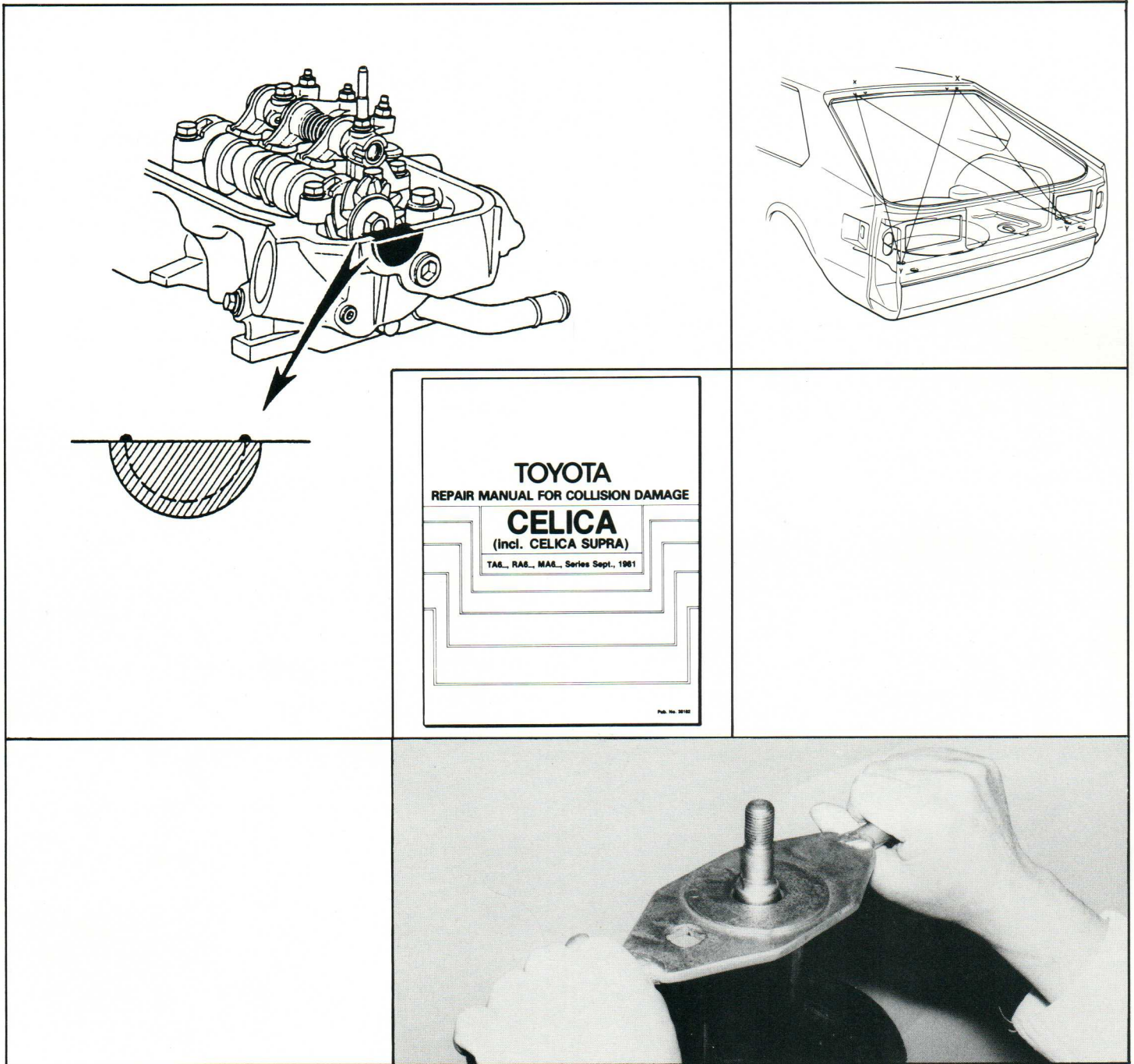




TOYOTA SERVICE NEWS

Bulletin No. 5

August 1982



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TOYOTA SERVICE NEWS

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change procedures and/or specifications at any time, without prior notice and without incurring obligation. For complete specifications and procedural information, please refer to the appropriate repair manuals. As for part number changes, consult your local Toyota Dealer.

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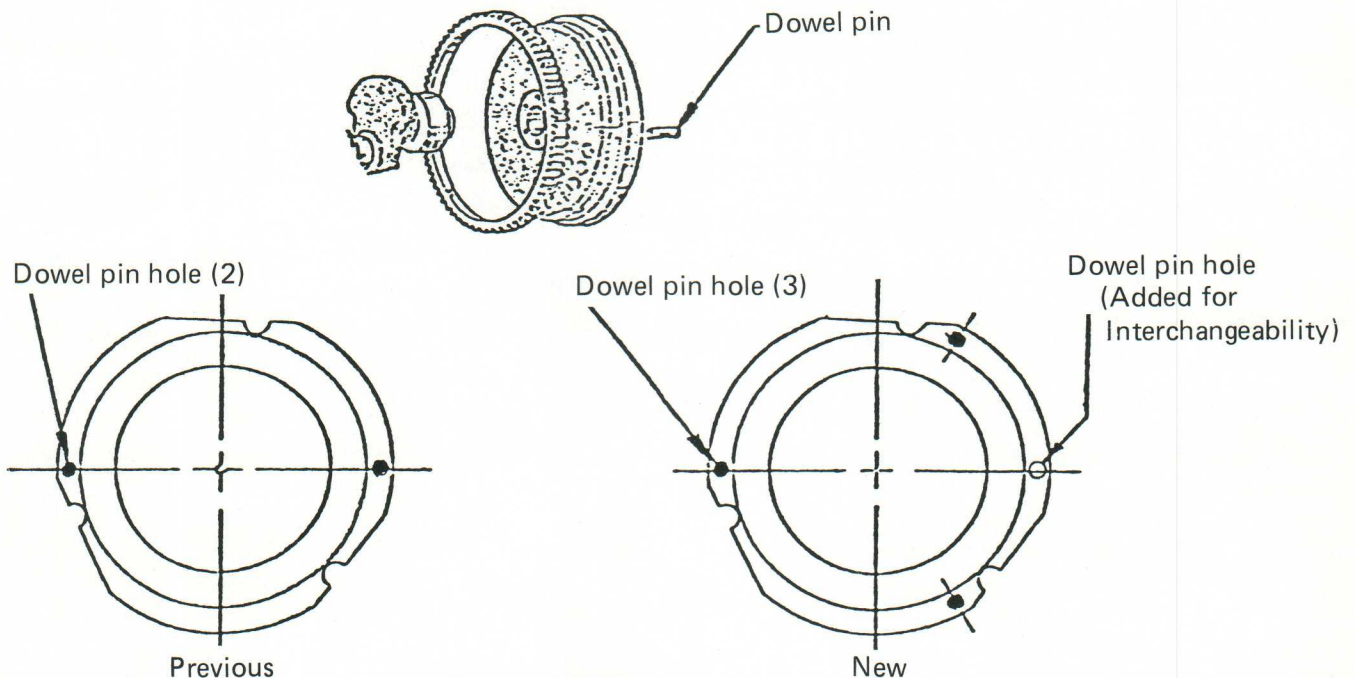
ENGINE APPLICABILITY 1968 — 1982

| VEHICLE | 82 | 81 | 80 | 79 | 78 | 77 | 76 | 75 | 74 | 73 | 72 | 71 | 70 | 69 | 68 |
|---------------|-------|------|------|------|------|----|----|-------|----|------|-------|------|----|-----|----|
| STARLET | 4K-C | | — | — | — | — | — | — | — | — | — | — | — | — | — |
| TERCEL | 3A-C | | 1A-C | — | — | — | — | — | — | — | — | — | — | — | — |
| COROLLA 1100 | — | — | — | — | — | — | — | — | — | — | — | — | — | K-C | |
| COROLLA 1200 | — | — | — | — | 3K-C | | | | | | | | | — | — |
| COROLLA | 3T-C | | | 2T-C | | | | | | | | | — | — | — |
| CELICA | 22R | | 20R | | | | | 18R-C | | | 8R-C | — | — | — | |
| CORONA | 22R | | 20R | | | | | 18R-C | | | 8R-C | 3R-C | | | |
| MARK II | — | — | — | — | — | — | 4M | | | | 18R-C | 8R-C | — | — | |
| CRESSIDA | 5M-E | | 4M-E | 4M | | — | — | — | — | — | — | — | — | — | — |
| SUPRA | 5M-GE | 5M-E | 4M-E | | — | — | — | — | — | — | — | — | — | — | — |
| PICKUP | 22R | | 20R | | | | | 18R-C | | | 8R-C | 3R-C | — | | |
| PICKUP DIESEL | L | | — | — | — | — | — | — | — | — | — | — | — | — | — |
| LAND CRUISER | 2F | | | | | | | | | F | | | | | |
| CARINA | — | — | — | — | — | — | — | — | — | 2T-C | | — | — | — | — |
| CROWN | — | — | — | — | — | — | — | — | — | — | 4M | | 2M | | |



CLUTCH COVER INTERCHANGEABILITY 1972-74 CELICA, PICKUP WITH 18R ENGINE

In the interest of design improvement, the number of clutch cover dowel pin holes and corresponding flywheel dowel pins has been increased from two to three. In addition, an extra dowel pin hole has been drilled in the clutch cover as illustrated below, to permit interchangeability with a replacement part.



1981 TOYOTA AUDIO REPLACEMENT PARTS INFORMATION

Recently, thefts of motor vehicles and thefts from motor vehicles have been increasing. In the event a radio is stolen from a Toyota the following replacement parts are available.

| MODEL/SYSTEM | REPLACEMENT CHASSIS | BRACKETS | SCREWS (Qty.) | WIRING (See Note A) |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------|
| CRESSIDA AM/FM MPX Electronic Tuner w/ Cassette and Equalizer | Tuner 86120-22420 Equalizer 86280-22020 | Left 86212-22070 Right 86211-22090 Installation Kit 08695-22140 | (8) 93229-15008 (4) 93560-55016 | Connector Kit: 00019-22810 |
| Cassette Player | 86260-20110 | Installation Kit: 08695-22140 | | |
| CORONA AM/FM MPX Electronic Tuning Radio | 86120-22290 | Left 86212-20071 Right 86211-20081 | (4) 93229-15008 (4) 90167-50001 | Connector Kit: 00019-20810 |
| Cassette Player | 86260-20110 | N.R. | N.R. | |
| AM/FM MPX Electronic Tuner w/ Cassette and Equalizer | Tuner 86120-22420 Equalizer 86280-20010 See Note E. | Left 86212-20091 Right 86211-20101 Faceplate: See Note B. | Installation Kit: SD: 08605-20121 WG/LB: 08605-20120 See Note C. | |
| CELICA/SUPRA AM/FM MPX Electronic Tuner | 86120-14340 | Use Installation Kit: 08605-14100 | | Connector Kit: 00019-14810 |
| Cassette Player (See Note D) | 86021-14192 86270-19015 | N.R. | N.R. | |
| Graphic Equalizer | 08692-14010 | N.R. | N.R. | |

NOTES:

N.R. – Not Required

- A) "Wiring Connector Kit" contains the electrical connectors and wiring which are needed when the vehicle's main wire harness has been cut. These kits eliminate the need to purchase the entire main wire harness. Instructions and diagrams for proper wiring is included in each kit.
- B) Installation Kit (Faceplate) is needed:
 Black 08695-20200
 Red 08695-20201
 Brown 08695-20202
- C) This Installation Kit contains screws and a second faceplate which is also needed.
- D) Tape Player, 86270-19015 must be used w/Equalizer P/N 08962-14010 and Tape Player 86021-14192 cannot be used w/Equalizer.
- E) Due to major circuit refinements made to both the radio and accompanying graphic equalizer this year, 1981 units requiring replacement must be replaced with both 1982 part numbers as indicated above and are **not** replaceable independently.



1982 TOYOTA AUDIO REPLACEMENT PARTS INFORMATION

| MODEL/SYSTEM | REPLACEMENT CHASSIS | BRACKETS | SCREWS (Qty.) | WIRING (See Note A) |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------|------------------------------------|-------------------------------|
| CRESSIDA AM/FM MPX Electronic Tuning Radio | 86120-22290-00 | Left 86212-22030 Right 86211-22050 | (4) 93229-15008 (4) 93560-55016 | Connector Kit: 00019-22820 |
| Cassette Player | 86260-20110 | N.R. | N.R. | |
| AM/FM MPX Electronic Tuner w/ Cassette and Equalizer | Tuner 86120-22420 Equalizer 86280-22020 | Left 86212-22070 Right 86211-22090 | (8) 93229-15008 (4) 93560-55016 | |
| CORONA AM/FM MPX Electronic Tuning Radio | 86120-22290 | Left 86212-20071 Right 86211-20081 | (4) 93229-15008 (4) 90167-50001 | Connector Kit: 00019-20810 |
| Cassette Player | 86260-20110 | N.R. | N.R. | |
| AM/FM MPX Electronic Tuner w/ Cassette and Equalizer | Tuner 86120-22420 Equalizer 86280-20010 | Left 86212-20091 Right 86211-20101 See Note B. | (4) 93229-15008 (4) 90167-50001 | |
| CELICA/SUPRA AM/FM MPX AM/FM MPX Electronic Tuning Radio | 86120-14480 86120-14500 | Left 86212-14120 Right 86211-14150 | (8) 93229-15008 | Connector Kit: 00019-14820 |
| Cassette Player | 86260-19025 | N.R. | N.R. | |
| AM/FM MPX Electronic Tuner w/ Cassette | Tuner 86120-14370 Equalizer 86280-19045 | Left 86212-14120 Right 86211-14150 | (8) 93229-15008 | |
| COROLLA Installation kits contain all needed hardware. Contact your local Toyota dealer for proper chassis and installation kits. | | | | Connector Kit: 00019-12820 |

NOTES:

N.R. — Not Required

A) "Wiring Connector Kit" contains the electrical connectors and wiring which are needed when the vehicle's main wire harness has been cut. These kits eliminate the need to purchase the entire main wire harness. Instructions and diagrams for proper wiring is included in each kit.

B) Installation Kit (Faceplate) is needed:

Black 08695-20200
Red 08695-20201
Brown 08695-20202



WINDSHIELD INSTALLATION PROCEDURE 1980-1982 TERCEL, COROLLA, CELICA, CORONA AND SUPRA

During the last two years, a new windshield adhesive sealant was used in production. This new Urethane material proved vastly superior to the previous method of vulcanizing or rubber gaskets.

If a new windshield has to be replaced, either by the dealer or an outside glass shop, it is essential that the glass be installed with Urethane and **NO OTHER TYPE OF SEALANT.**

In order to understand the reasons for this stipulation you must be aware of the following facts:

To comply with Federal Motor Vehicle Safety Standard 216, Roof Crush Resistance Requirement and the Federal Motor Vehicle Safety Standard 212, Windshield Retention, Urethane sealant must be used. Urethane is fifty times stronger than butyl tape and at least five times stronger than any other liquid windshield sealant. This sealant is available through American Sure Seal, Inc. At present this is the only known sealant available that ensures compliance with the Motor Vehicle Safety Standards requirements.

The removal of Urethane installed windshields can be carried out with relative ease as follows:

1. The American Sure Seal Hot Knife will remove Urethane installed windshields with ease. Urethane installed windshields can also be removed using normal removal techniques incorporating the use of Cold Knives such as American Sure Seal's Windshield Knife, stock #TWD. Some dealers and glass shops prefer to use music wire to remove the glass.
2. Cut as close to the glass as possible leaving a reasonable bead of the old Urethane on the body pinchweld.
3. Wipe the glass bonding surface with American Sure Seal's Urethane Glass Prep, stock #CUSP2 (clear). This step must be taken to eliminate any film on the glass bonding surface.

4. Apply Urethane Glass Primer (black) onto the top of the glass bonding surface (same surface you previously applied the clear prep). Both glass prep and primer may be applied with a brush, cloth or dabber. Dabbers come with the Urethane primer kit #5. Apply Urethane windshield sealer, stock #CUS, directly to the glass or to the pinchweld.
5. Position the windshield into body opening and gently press on the glass until full contact with the sealant is made. NOTE: If too much Urethane is used on the glass or the pinchweld, this will result in the Urethane squeezing out over the glass or onto the body. A quarter inch bead of Urethane has proved to be sufficient.
6. You may wish to paddle the Urethane around the edge of the glass. If so, be sure not to have it adhere to any moldings around the glass. If any gaps exist, fill with American Sure Seal, Ltd. Urethane Resealant, stock #CSR, or equivalent. By using a Urethane Resealant, if some of the Urethane material does adhere itself to the molding it will not adhere with the same strength, allowing easy removal of the moldings at a later date, if necessary.
7. Water test **immediately**. Urethane works on wet or dry surfaces. Water testing the windshield will allow you to check for leaks and will also speed up the curing time of the Urethane, as Urethane cures by the presence of moisture.
8. Replace moldings. Clean up excess Urethane with a mild solvent such as American Sure Seal's product Sure Solve, stock #BSS, or equivalent.

NOTE: We cannot over emphasize that to comply with Motor Vehicles Safety Standard specifications Urethane must be used on all windshields on the vehicles as described. In the event Urethane is not used, the vehicle may fail to comply with Motor Vehicle Safety Standards.

For information or to order Urethane seal from American Sure Seal, Inc. Call (416) 625-3475. 8:30 a.m. to 7:00 p.m. (E.S.T.)



AIR PUMP BELT ADJUSTMENT CELICA, CORONA AND PICKUP WITH 20R ENGINE

To improve serviceability of the air pump belt adjustment, a pin has been added to the air pump exterior body. This change applies only to the 20R engine equipped vehicles with a factory installed air conditioner. The air pump belt adjustment remains the same on engines without air conditioners.

PROCEDURE

1. Use a large screwdriver or lug wrench to pry the air pump (Photo #1).

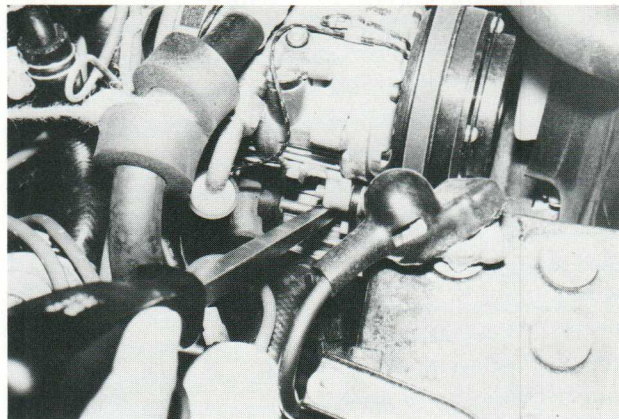
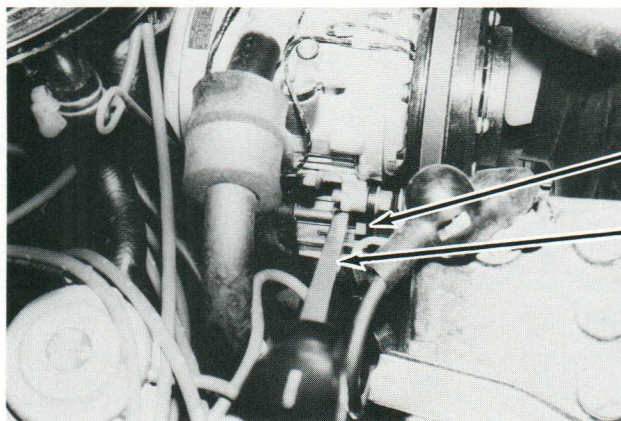


Photo 1

2. Insert it between the pin and the air conditioner mounting ear (Photo #2).

3. Pry the air pump body using the air conditioner compressor mounting ear as a pivot (Photo #2).



Pin added

Large
screwdriver
or lug
wrench

Photo 2

Contact your local Toyota dealer for part number and ordering information.



APP (AUXILIARY ACCELERATOR PUMP) DIAPHRAGM SERVICE ALL MODELS 1975-1976

Owner complaints of rough running only during the engine warm up period may sometimes be traced to a leaking AAP diaphragm.

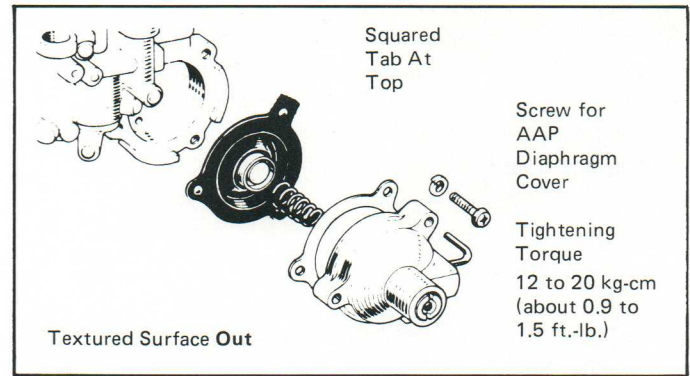
This possible diagnosis can quickly be confirmed by checking the vacuum hose to the AAP (on carburetor) for signs of liquid fuel inside. Normally, this hose will be dry. However, if wet, it indicates a leakage in the diaphragm. This occurs only when the TVSV (Thermostatic Vacuum Switching Valve) is open during engine warm up, and may cause the rough running condition.

Should installation of a new diaphragm be required, a careful check of the following points is highly recommended:

- A. The three screws (4 screws for Mark II) must be tightened uniformly and not overtightened to insure a proper seal. Torque specification is 12 to 20 kg-cm (0.9 to 1.5 ft.-lb.). If a torque driver is not available, these screws must be tightened carefully with minimum torque to prevent any leaks.

- B. The "three screw" type diaphragm (20R, 2T and 2F) must be installed with the squared off locating tab toward the top of the carburetor as it is not symmetrical (see illustration). The "four screw" type or "square shaped" diaphragm (4M engine) is symmetrical and can be installed with any side up.
- C. The textured surface of the diaphragm must be facing away from the carburetor.
- D. The spring must be installed on top of the diaphragm and care taken that it fits properly into its seat in the center of the diaphragm (see illustration).

Contact your local Toyota dealer for parts ordering information if necessary.



Assemble AAP



Article No. 75

COLLISION & FAST-MOVER PARTS CATALOG

We have now made available collision and fast-mover quick reference parts catalogs for each Toyota model, as a complete set of 18 catalogs. These catalogs contain both part numbers and illustrations for those parts most commonly used in collision repair. The part number for

this set is 00100-00355. The complete set is priced at \$60.00 for all 18 catalogs and may be ordered using the Order Form on Page 5-16. Individual catalogs may also be ordered. Please see your local Toyota Dealer for assistance.

INDIVIDUAL CATALOGS

| Model | Series | Model Years | Part Number |
|--------------|--------------------------------------------|-------------|-------------|
| Starlet | KP61 | 1981-1982 | 82112-81 |
| Tercel | AL10Z, 12Z | 1980-1982 | 82023-82 |
| Corolla | KE20, 25, 26 TE21, 27, 28 | 1970-1974 | 82129-78 |
| Corolla | KE30, 35, 50 TE31, 37, 38, 51 | 1975-1979 | 82129-80 |
| Corolla | TE72E | 1980-1982 | 82123-81 |
| Corona | RT104, 105, 114 115, 118, 119 | 1974-1978 | 82229-79 |
| Corona | RT134, 135 | 1979-1982 | 82222-80 |
| Celica | RA20, 21, 24 29 | 1971-1977 | 82219-78 |
| Celica | RA42B, 43B, 46B, 47B | 1978-1981 | 82219-82 |
| Celica | RA64B, MA61B | 1982 | 82211-81 |
| Cressida | MX32, 36 | 1978-1980 | 82239-81 |
| Cressida | MX62X | 1981-1982 | 82232-82 |
| Pickup | RN22, 23, 27, 28 | 1972-1978 | 82359-78 |
| Pickup | RN32, 42 | 1979-1982 | 82351-78 |
| Pickup | RN32, 34, 37 38, 42, 44, 47, 48 LN40 | 1979-1982 | 82353-81 |
| Land Cruiser | FJ40, 45, 55 BJ40 | 1969-1980 | 82609-81 |
| Land Cruiser | FJ40 BJ42 | 1981-1982 | 82603-82 |
| Land Cruiser | FJ60 BJ60 | 1981-1982 | 82622-82 |

TOYOTA
GENUINE PARTS

COLLISION & FAST-MOVER
QUICK REFERENCE PARTS CATALOG

« AUG. '79 — »

TOYOTA COROLLA
U.S.A. CANADA

MODELS
TE72E Series

NOVEMBER, 1981
CATALOG NO 82123-81

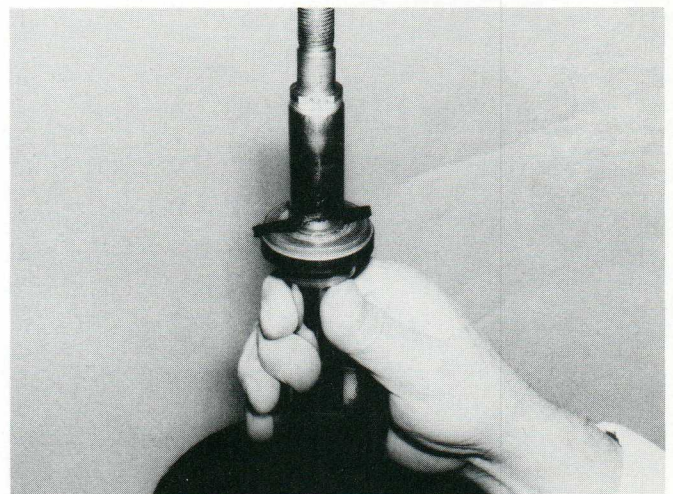
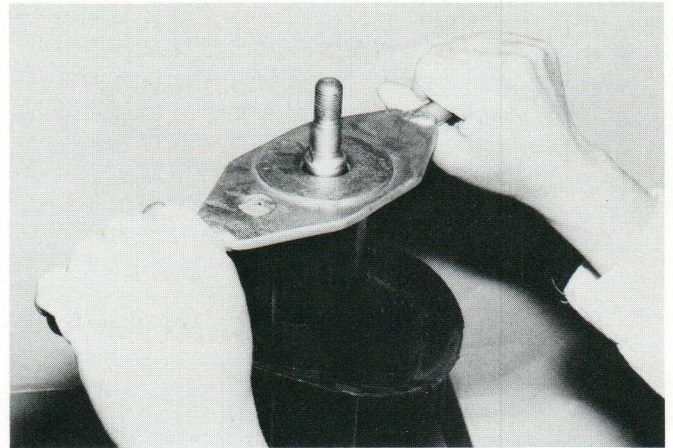


MACPHERSON STRUT REPAIR CARTRIDGE INSTALLATION ALL MODELS

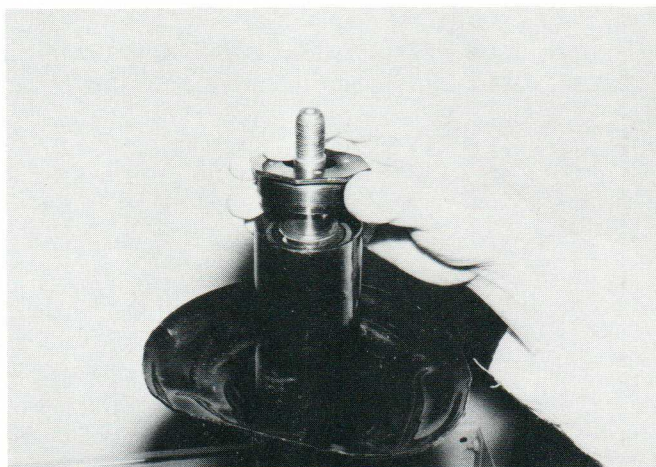
Shock absorber repair cartridges are available from Toyota dealers for vehicles with MacPherson strut type front suspension. Cartridge installation simplifies the overhaul of these strut units. Refer to the applicable shop manual for more complete

information prior to starting the repair. Manual availability information can be obtained from your local Toyota dealer or refer to Toyota Service News Bulletin No. 4. The general overhaul procedure is shown below.

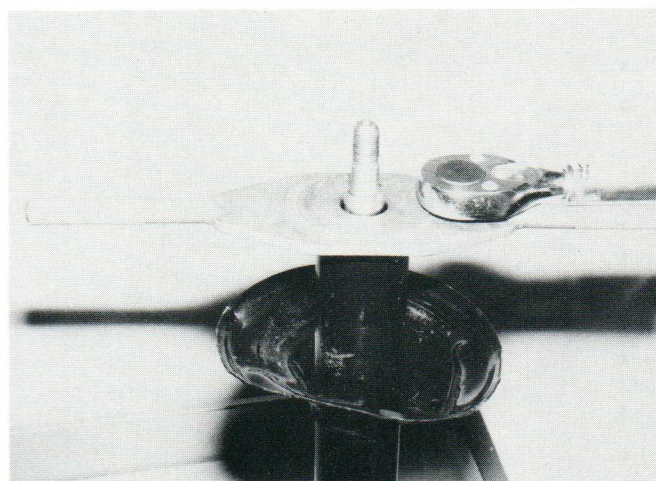
1. Remove the MacPherson strut assembly from the vehicle and remove the upper spring seat and coil spring from the strut as detailed in the Chassis Manual.
2. Remove the shock absorber ring nut, using the Special Service Tool and discard the nut.
3. Slowly remove the shock absorber piston rod and tapered seal from the outer strut shell and discard them.
4. Remove the unit from the vise and drain all the fluid.
5. Reinstall the strut unit in the vise and insert the new cartridge.



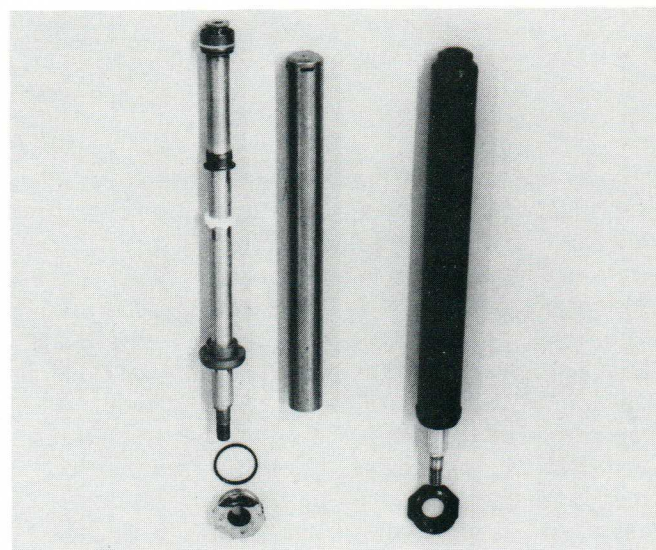
6. The upper tapered seal is **not** required when using the new ring nut which is provided in the kit.



7. Install the new ring nut and torque it to 72-108 ft. lbs. (10-15 M-Kg.) again utilizing the Special Service Tool.



8. The four parts shown on the left side of the picture will be left over at this point and will have been replaced by the cartridge and nut shown on the right side of the picture.



9. Reassemble the coil spring and retaining plate, using the **new locking nut** supplied in the kit.

10. Reinstall the unit in the vehicle, again following the instructions in the Chassis Manual.

For parts information, contact your local Toyota dealer. For Special Service Tool information, contact:

Owatonna Tools, Inc.
Owatonna, Minn. 55060
(507) 455-2626

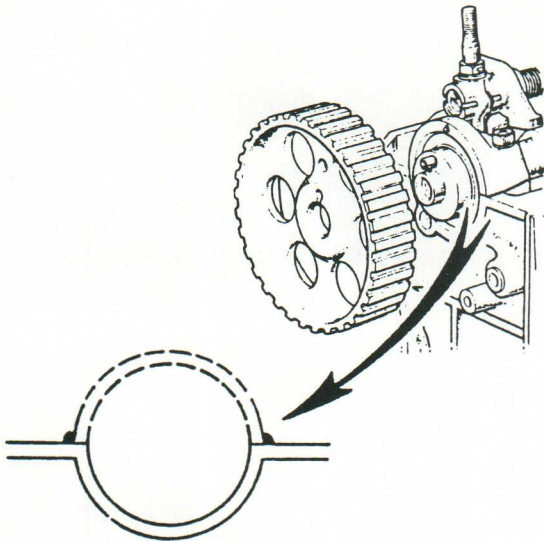
Applicable Special Service Tools

Spring Compressor / Wrench / Holder / Stand

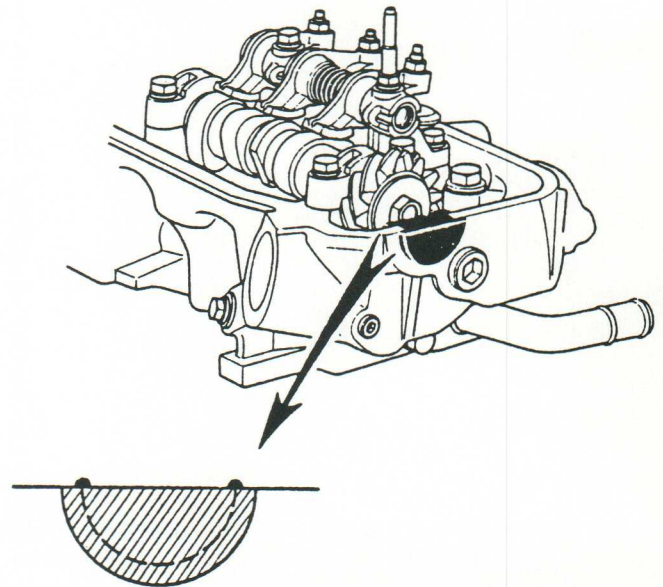


VALVE COVER INSTALLATION 1980-82 TERCEL

To prevent oil leakage after reinstalling the valve cover, lightly coat the areas indicated below with a silicon base sealant. Thoroughly clean the areas indicated prior to sealant application.



Area between Cylinder Head and
Camshaft Bearing Cap on Both Sides



Area between the half moon Plug
and Cylinder Head on Both Sides.



REPAIR MANUAL FOR COLLISION DAMAGE CELICA, SUPRA

In previous issues of *Toyota Service News* we announced the availability of Repair Manuals for Collision Damaged Bodies on the Corolla, Corolla Tercel, Cressida and Starlet models. We are now pleased to announce the availability of a similar manual for the 1982 Celica and Celica Supra models. The publication number for this manual is 36182. This Manual outlines body repair instructions, description of body structures, body sealing, and body dimensions. Please note that these manuals are prepared for worldwide usage, and as such, certain procedures might not apply in the United States. Also, flat rate times are suggested times only. To order, see the Toyota Service Publication Order Form on Page 5-16.



BODY DIMENSION CHARTS

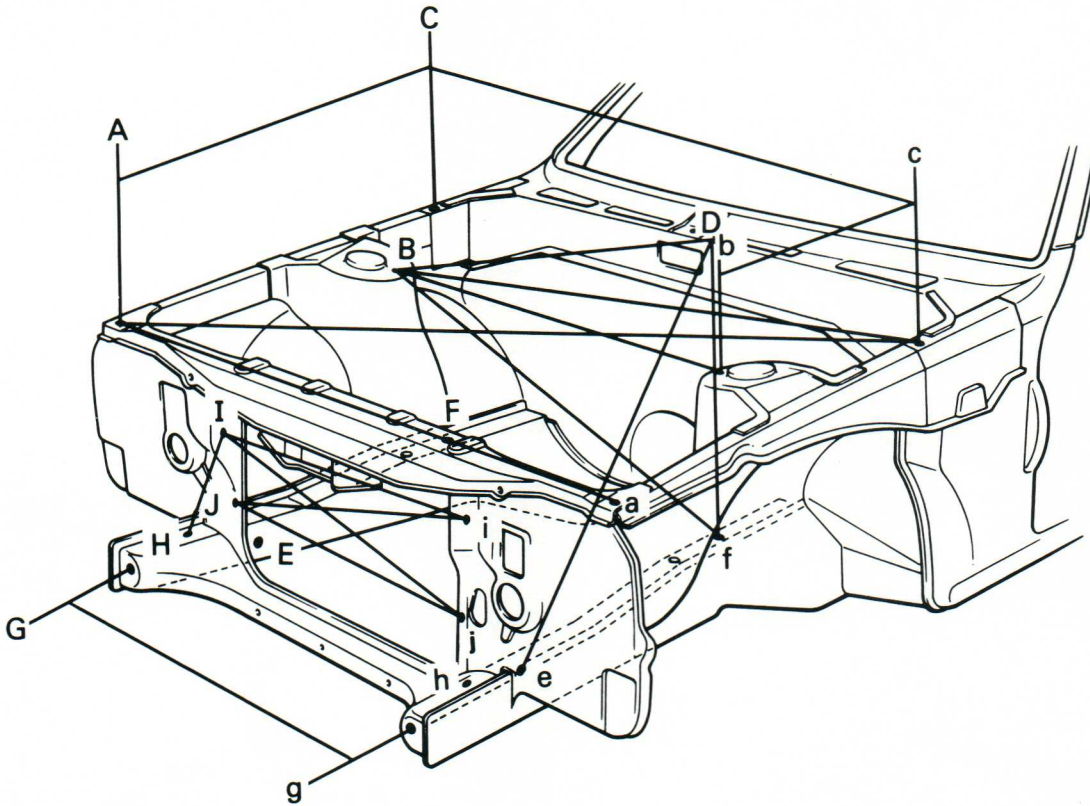
The following body dimension charts are included for your reference. More detailed information can be found in the following Repair Manual for Collision Damaged Body.

| Model | Manual Number | Price |
|---------------|---------------|-------|
| Corolla | 36001 | 5.95 |
| Tercel | 98367 | 5.95 |
| Starlet | 36158 | 5.95 |
| Celica, Supra | 36182 | 5.95 |
| Cressida | 36118 | 5.95 |

Please refer to the back of this publication for order form.

CELICA/SUPRA ('82)

(1) ENGINE BODY COMPARTMENT FOR ALL TYPES

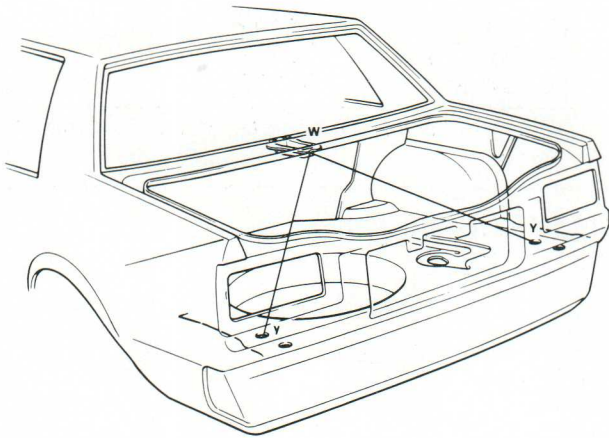


| Point symbol | Reference length mm (in.) | |
|----------------|---------------------------|---------------|
| | CP & LB | CELICA SUPRA |
| A - a | 1,335 (52.56) | 1,335 (52.56) |
| A - C a - c | 873 (34.37) | 982 (38.66) |
| A - c a - C | 1,603 (63.11) | 1,666 (65.59) |
| B - b | 919 (36.18) | 946 (37.24) |
| B - c b - C | 1,183 (46.57) | 1,220 (48.03) |
| B - C b - c | 394 (15.51) | 454 (17.87) |
| B - f b - F | 921 (36.26) | 939 (36.97) |
| C - c | 1,355 (53.35) | 1,355 (53.35) |

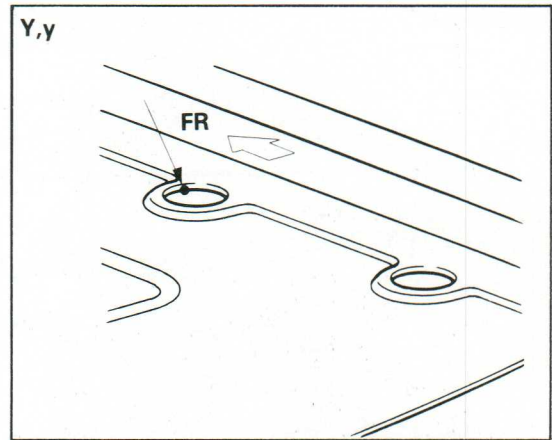
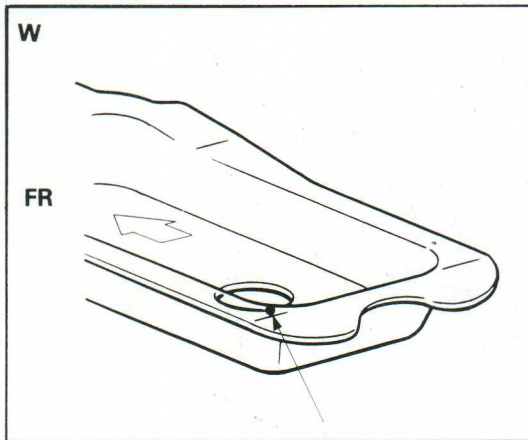
| Point symbol | Reference length mm (in.) | |
|----------------|---------------------------|---------------|
| | CP & LB | CELICA SUPRA |
| D - E D - e | 1,007 (39.65) | 1,132 (44.57) |
| D - F D - f | 660 (25.98) | 718 (28.27) |
| D - B D - b | 552 (21.73) | 609 (23.98) |
| G - g | 782 (30.79) | 862 (33.94) |
| I - i | 772 (30.39) | 846 (33.31) |
| I - j | 774 (30.47) | 789 (31.06) |
| i - J | 774 (30.47) | 820 (32.28) |
| i - h I - H | 301 (11.85) | 245 (9.65) |
| J - j | 670 (26.38) | 701 (27.60) |

CELICA/SUPRA ('82)

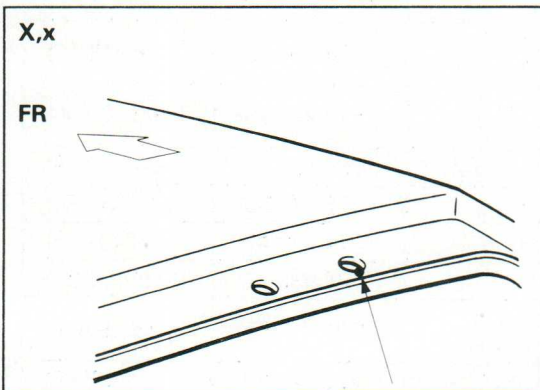
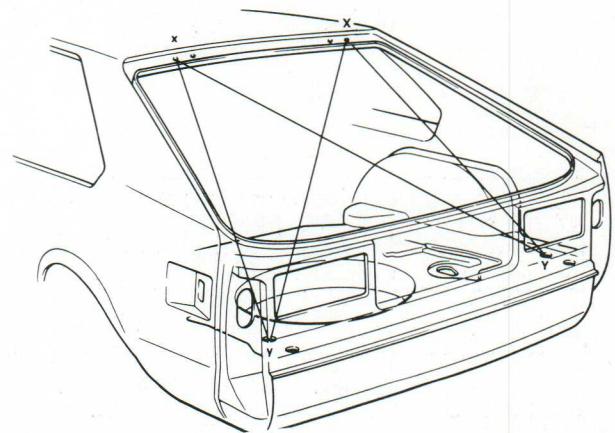
LUGGAGE COMPARTMENTS



| Point symbol | Reference length mm (in.) | |
|--------------|---------------------------|-------------|
| | IRS | 4-Link |
| W - Y | 825 (32.48) | 814 (32.05) |
| W - y | 815 (32.09) | |



| Point symbol | Reference length mm (in.) | |
|--------------|---------------------------|---------------|
| | IRS | 4-Link |
| X - Y | 1,242 (48.90) | 1,228 (48.35) |
| x - y | 1,230 (48.43) | |
| X - y | 1,472 (57.95) | 1,471 (57.91) |
| x - Y | 1,482 (58.35) | |

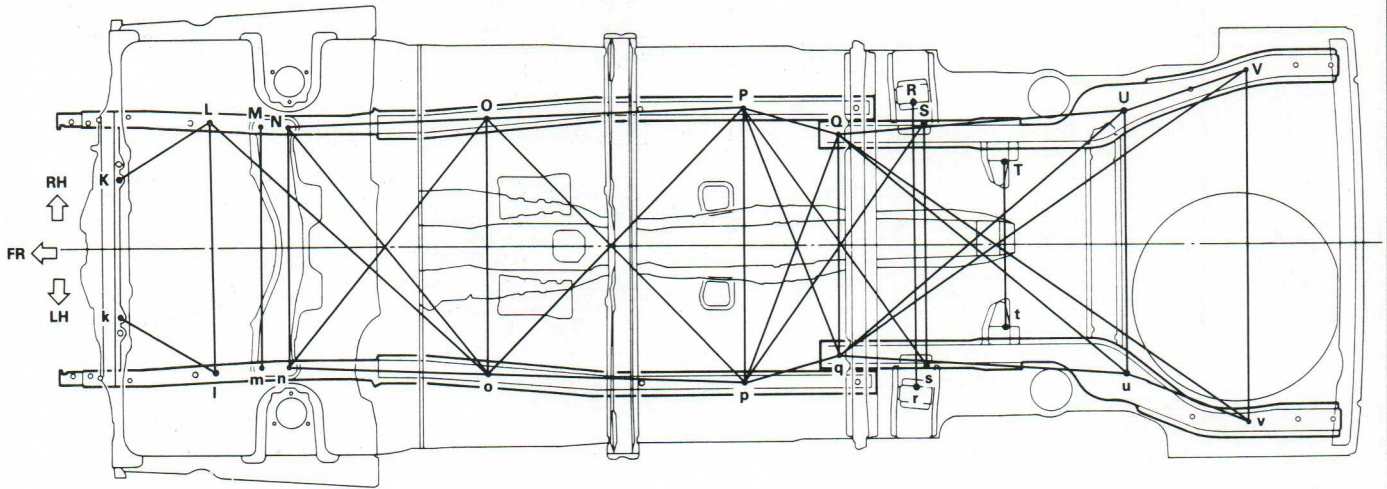


NOTE:

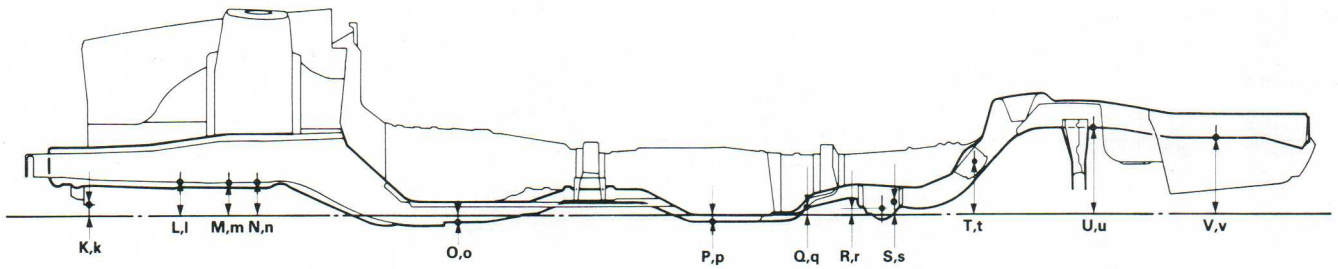
The luggage compartment measurement is performed between the two dot marked points as shown in the above figure.

(2) UNDER BODY (4-Link)

CELICA ('82)



| | |
|-----------|----------------------|
| WHEELBASE | 2,500 mm (98.43 in.) |
|-----------|----------------------|



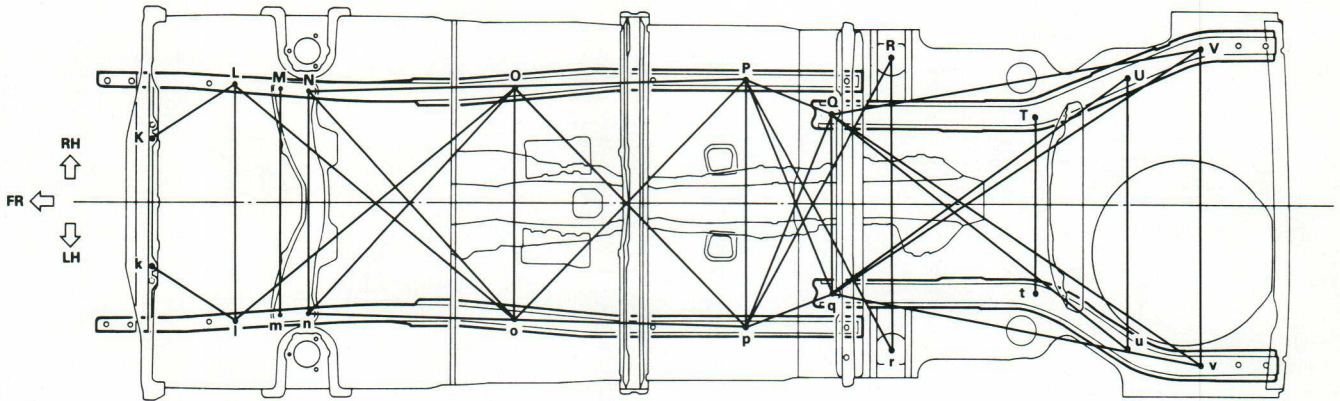
| Point symbol | Reference length mm (in.) |
|----------------|------------------------------|
| K - L k - l | 371 (14.61) |
| L - l | 758 (29.84) |
| L - o l - O | 1,130 (44.49) |
| M - m | 756 (29.76) |
| N - n | 752 (29.61) |
| N - o n - O | 1,011 (39.80) |
| N - O n - o | 648 (25.51) |
| O - o | 802 (31.57) |
| O - p o - P | 1,168 (45.98) |
| O - P o - p | 821 (32.32) |
| P - p | 860 (33.86) |

| Point symbol | Reference length mm (in.) |
|----------------|------------------------------|
| P - Q p - q | 317 (12.48) |
| P - q p - Q | 835 (32.87) |
| P - s p - S | 993 (39.09) |
| Q - q | 694 (27.32) |
| Q - U q - u | 957 (37.68) |
| Q - u q - U | 1,227 (48.31) |
| Q - v | 1,619 (63.74) |
| q - V | 1,608 (63.31) |
| R - r | 891 (35.08) |
| S - s | 765 (30.12) |
| T - t | 516 (20.31) |
| U - u | 850 (33.46) |

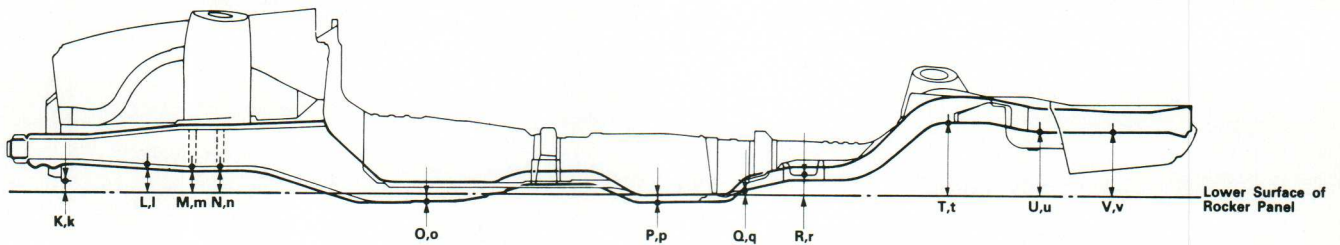
| Point symbol | Reference length mm (in.) |
|--------------|------------------------------|
| U - V | 419 (16.50) |
| u - v | 425 (16.73) |
| V - v | 1,109 (43.66) |
| K, k | 59 (2.32) |
| L, l | 90 (3.54) |
| M, m | 90 (3.54) |
| N, n | 90 (3.54) |
| O, o | 36 (1.42) |
| P, p | 37 (1.46) |
| Q, q | 6 (0.24) |
| R, r | 5 (0.20) |
| S, s | 16 (0.63) |
| T, t | 153 (6.02) |
| U, u | 259 (10.20) |
| V, v | 226 (8.90) |

SUPRA ('82)

(3) UNDER BODY (IRS)



| WHEELBASE | CP & LB | 2,500 mm (98.43 in.) |
|-----------|--------------|-----------------------|
| | CELICA SUPRA | 2,615 mm (102.95 in.) |



| Point symbol | Reference length mm (in.) | |
|----------------|---------------------------|---------------|
| | CP & LB | CELICA SUPRA |
| K - L k - l | 371 (14.61) | 338 (13.31) |
| L - l | 758 (29.84) | 818 (32.20) |
| L - o l - O | 1,130 (44.49) | 1,285 (50.59) |
| M - m | 756 (29.76) | 789 (31.06) |
| N - n | 752 (29.61) | 774 (30.47) |
| N - o n - O | 1,011 (39.80) | 1,081 (42.56) |
| N - O n - o | 648 (25.51) | 740 (29.13) |
| O - o | 802 (31.57) | 802 (31.57) |
| O - p o - P | 1,168 (45.98) | 1,168 (45.98) |
| O - P o - p | 821 (32.32) | 821 (32.32) |
| P - p | 860 (33.86) | 860 (33.86) |
| P - Q p - q | 331 (13.03) | 331 (13.03) |
| P - q p - Q | 803 (31.61) | 803 (31.61) |
| P - r P - R | 1,105 (43.50) | 1,105 (43.50) |
| Q - q | 622 (24.49) | 622 (24.49) |

| Point symbol | Reference length mm (in.) | |
|--------------|---------------------------|---------------|
| | CP & LB | CELICA SUPRA |
| Q - V | 1,352 (53.23) | 1,352 (53.23) |
| q - v | 1,359 (53.50) | 1,359 (53.50) |
| Q - u | 1,367 (53.82) | 1,367 (53.82) |
| q - U | 1,329 (52.32) | 1,329 (52.32) |
| Q - v | 1,596 (62.83) | 1,596 (62.83) |
| q - V | 1,583 (62.32) | 1,583 (62.32) |
| R - r | 1,072 (42.20) | 1,072 (42.20) |
| T - t | 625 (24.61) | 625 (24.61) |
| U - u | 971 (38.23) | 971 (38.23) |
| V - v | 1,109 (43.66) | 1,109 (43.66) |
| K, k | 59 (2.32) | 64 (2.52) |
| L, l | 90 (3.54) | 93 (3.66) |
| M, m | 90 (3.54) | 85 (3.35) |
| N, n | 90 (3.54) | 85 (3.35) |
| O, o | 36 (1.42) | 36 (1.42) |
| P, p | 37 (1.46) | 37 (1.46) |
| Q, q | 7 (0.28) | 7 (0.28) |
| R, r | 72 (2.83) | 72 (2.83) |
| T, t | 242 (9.53) | 242 (9.53) |
| U, V | 207 (8.15) | 207 (8.15) |
| u, v | 226 (8.90) | 226 (8.90) |



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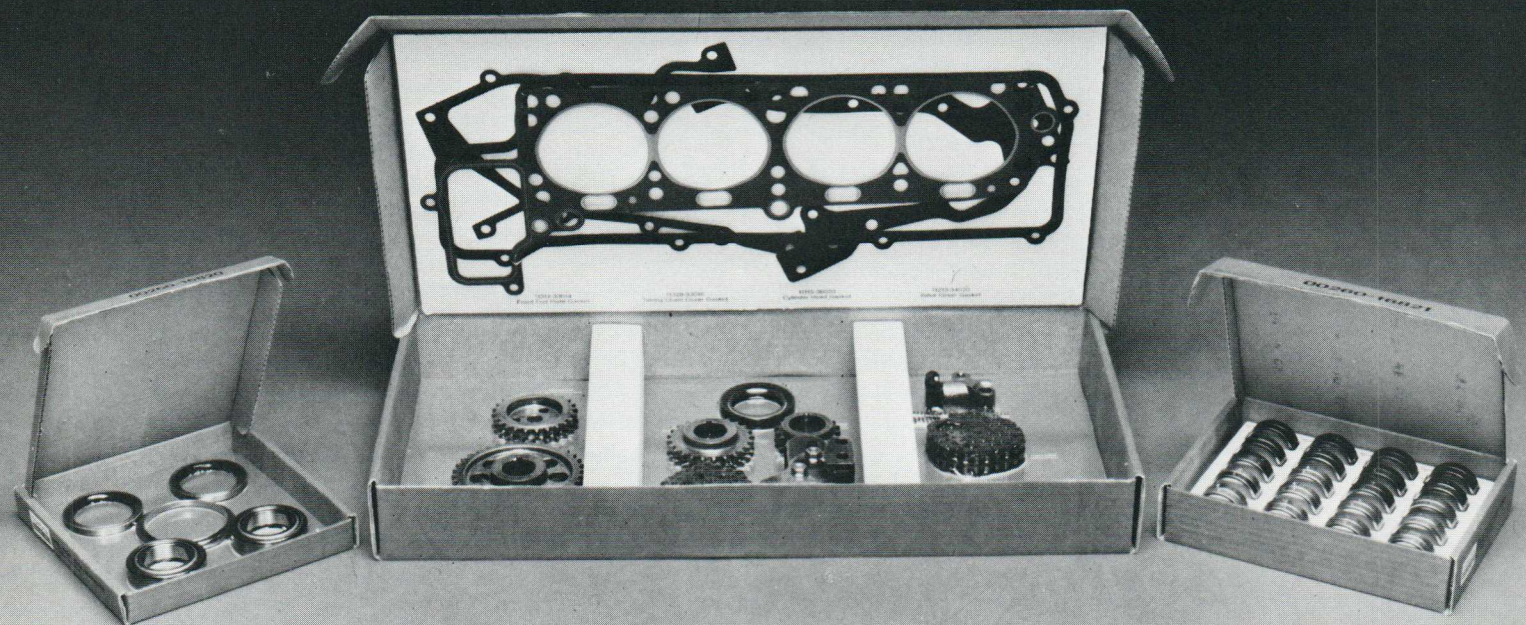
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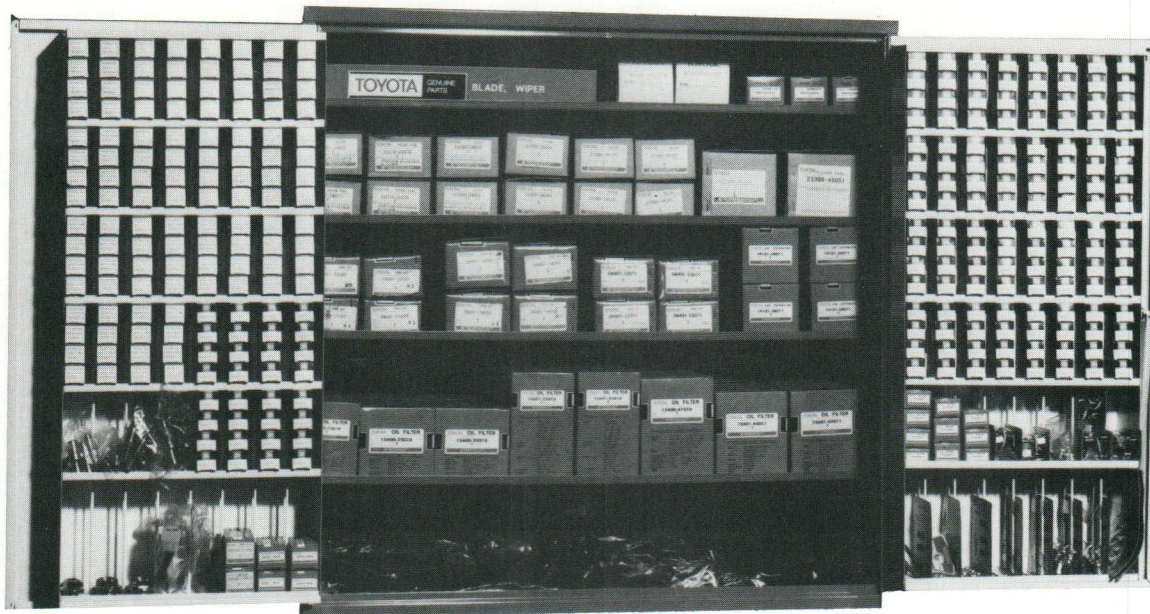
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00260-16821

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