

SERVICE NEWS

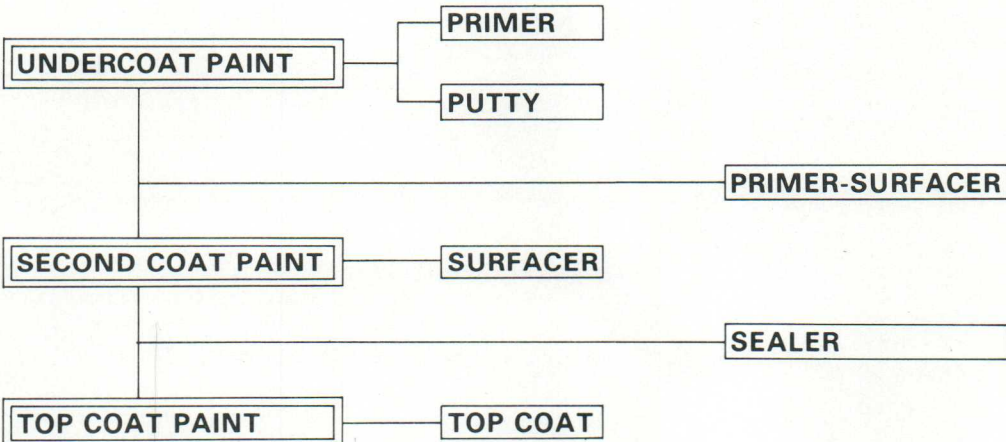
ANTI-CORROSION









MATERIAL APPLICATION

TOYOTA
GENUINE PARTS
WHOLESALE

AUTOMOBILE PAINT INFORMATION



Resin/Pigment Ratio







TOYOTA

FUNDAMENTAL PAINTING PROCEDURES

In our continuing effort to provide you with collision repair information, it gives us great pleasure to introduce Toyota's "FUNDAMENTAL PAINTING PROCEDURES" manual. The manual contains the following information:

- Paint and painting fundamentals
- Repainting facilities, equipment and tools
- Repainting process
- Paint defects, causes and corrections
- Safety and cleanliness
- Explanation of painting terminology
- Publication #36438E
- Ordering Information — see page 14-21

Pub.No.36438E

TOYOTA SERVICE NEWS

Bulletin No. 14

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TOYOTA
GENUINE PARTS
WHOLESALE

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TOYOTA ANTI-CORROSION MATERIAL APPLICATION

I. INTRODUCTION

Toyota anti-corrosion material should be used to restore the vehicles original corrosion protection package which was applied at the factory, whenever body parts have been exposed to the atmosphere by drilling, replacement of damaged parts or body metal work has been performed.

This generally occurs during body damage repair or the addition of options such as aftermarket body side mouldings and exterior mirrors which require drill holes for mounting purposes. This application procedure was developed specifically for use with Toyota anti-corrosion material **A.C.M.** (PN00293-1AC11) and applicator gun (PN00293-2PG00).

By properly following these application instructions, the corrosion protection package will be fully restored.

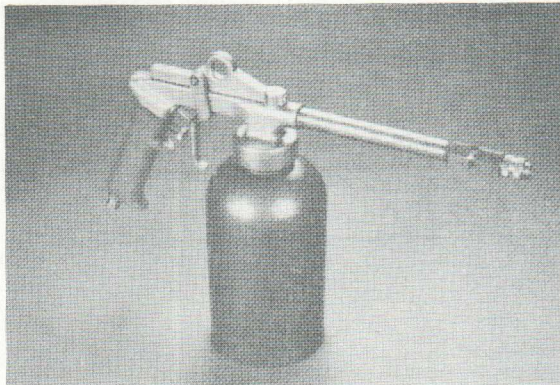
II. ACM DEFINITION

This ACM is thixotropic in nature, meaning that when properly applied (1.5 to 4.0 mills thick) it will tend to migrate into the inaccessible areas of the vehicle such as body seams and under existing corrosives.

This also means that this particular ACM will to some degree be self-healing when its surface has been disrupted. The ACM is an effective barrier against water, salts, gasoline and most solvents due to a micro-crystalline wax component which forms a fish scale-like surface as the material cures. It also has the ability to deal effectively with most types of corrosions including pitting, galvanic corrosion, stress corrosion, intergranular corrosion, and fatigue corrosion.


III. APPLICATOR GUN

The applicator gun is designed specifically for use with the Toyota ACM and should not be used with




Applicator Gun

other types of corrosion material which may damage the internal parts of the gun. This gun is a pressure feed type which should be operated at air pressures ranging from 60 psi for proper atomization of the ACM. Each gun is supplied with two misting tips, a 45 degree tip and a 360 degree tip.

Tip #1 (designated as an outline arrow ) is a 45 degree misting tip used with an air pressure setting of between 60 and 80 psi.

This tip is used generally to mist the open areas of the vehicle such as the hood and deck lid undersides and inner fenders. It can also be used to mist body cavities when the access or drain hoses do not allow the use of misting tip #2.

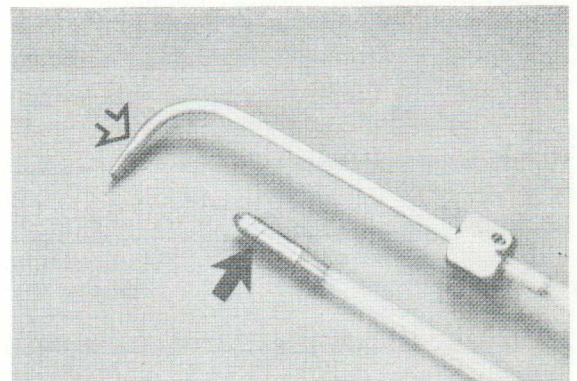
Tip #2 (designated as a solid arrow ) is a 360 degree misting tip used with an air pressure setting of between 100 and 125 psi to mist the vehicle's internal body cavities such as rocker panels, quarter panels and hood and deck lid channels.

IV. PRECAUTIONS

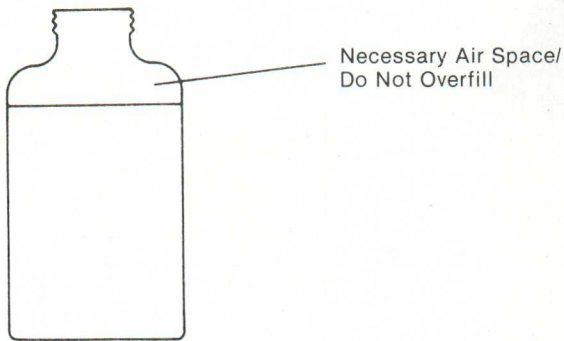
- Apply only in well ventilated areas free from open flame and extreme high temperature sources.
- Use a painter's respirator while applying ACM.
- Do not over apply ACM. A 1.5 mill to 4.0 mill coating is sufficient.
- Store ACM in air tight containers only.
- Thoroughly mix material prior to use.

V. APPLICATION

As stated earlier, the applicator gun is of the pressure feed type, therefore, it is important to leave a space for air at the top of the canister. Leave approximately 1-1/2" for air in the top of the canister.





Tip 1  Tip 2 




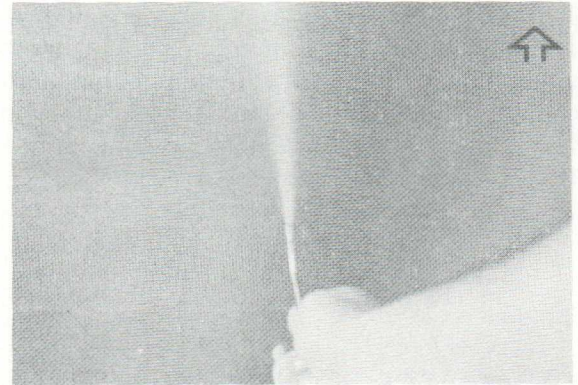
To properly apply the ACM it is important that good misting patterns (as shown to the right) be obtained.

To do this adjust the air pressure to the proper range depending on what misting is to be used. Adjust the trigger stop screw on the applicator gun until the proper pattern is obtained. Screw out for less material, screw in for more material. Remember, **do not over apply** this material.

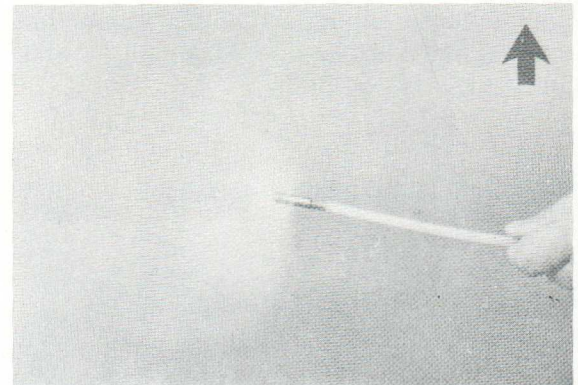
To use misting tip #1 (shown as an arrow outline  in the following illustrations) hold approximately 6" - 8" above the surface to be treated. Using a normal stroke, mist the entire area as if applying paint. It is only necessary to apply one coat.

If tip #2 is to be used to mist body cavities, place the end of the tip into the application point indicated by the solid arrow  and mist until the vapor is visible at the opposite side of the area being misted. (See Example 1.)

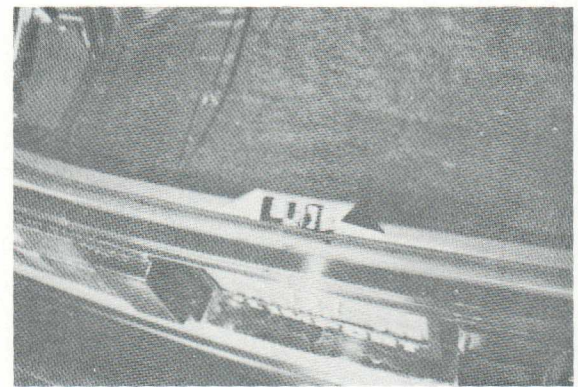
To use mist tip #2 (shown as a solid arrow ) in the following illustrations) insert the tip into the designated opening as far as possible. As misting begins, draw out the tip so that the entire area is thoroughly misted. As this tip is used in areas which cannot be easily seen, it is necessary to develop a feel for the speed at which the misting tip is drawn out.



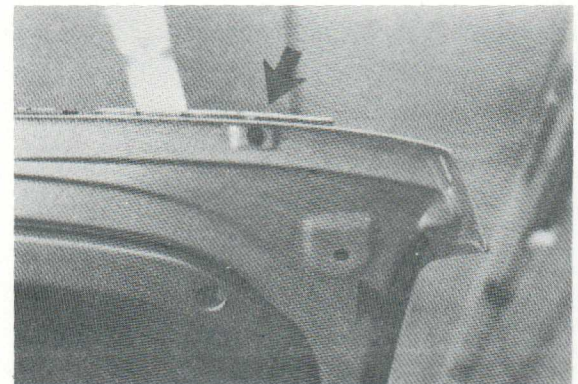
Tip 1 60-80 psi



Tip 2 100-125 psi



Insert Tip 2

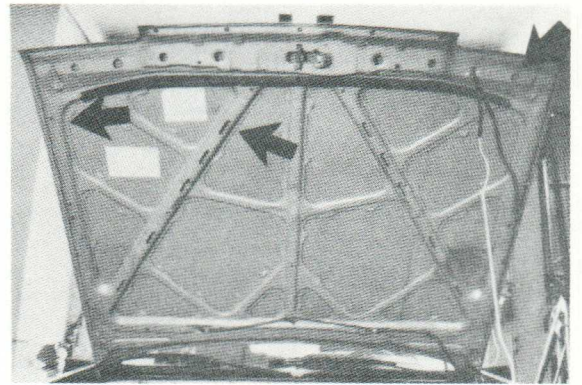


Insert Tip 2

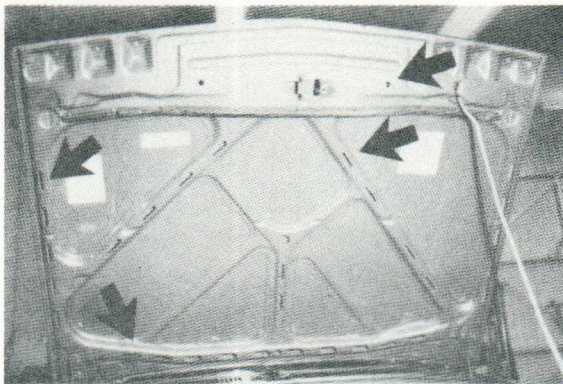
The following illustrations show the areas which are most commonly misted. These illustrations show the typical application and which misting tip should be used. By following these basic instructions, you should be able to develop a technique that will apply to all vehicles.

1. Hoods

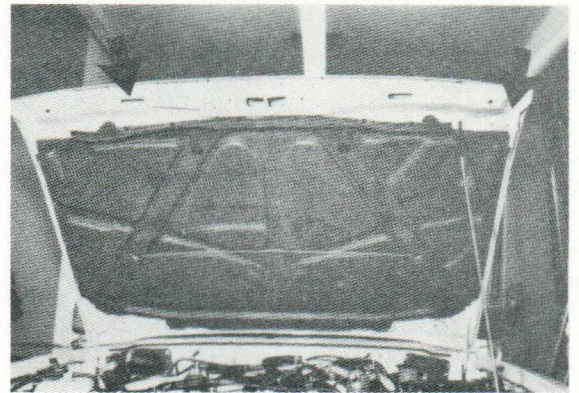
Insert mist tip #2 as far as possible. While ACM mist is being applied draw out tip so that entire channel has been treated. Make sure that all channels have been treated.



Celica — Insert Tip 2



Corolla — Insert Tip 2



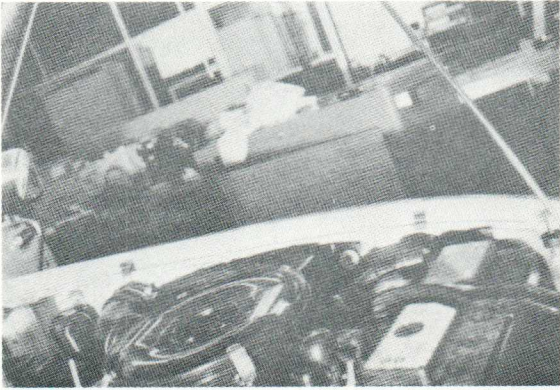
Truck — Insert Tip 2

2A. Front Fenders (Front)

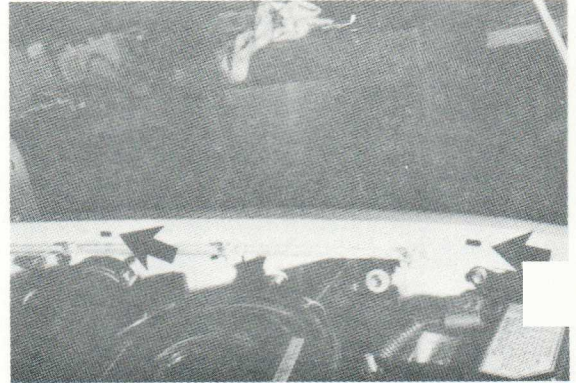
Insert misting tip #2 as far as possible. While ACM mist is being applied, draw out tip so that entire cavity is treated. Pickups require the use of mist tip #1 inserted through the hood cushion mounting holes. Be sure to mist in all directions to fully treat entire cavity.



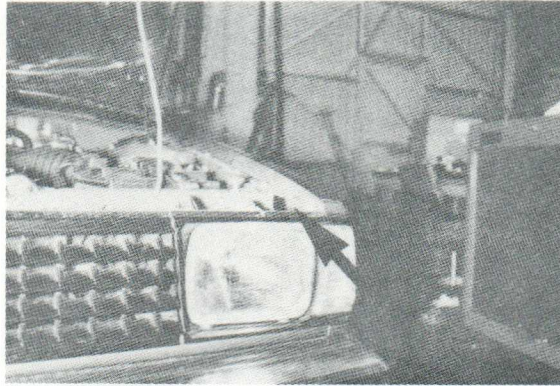
Celica — Insert Tip 2



Truck — Remove rubber bumpers



Truck — Insert Tip 2

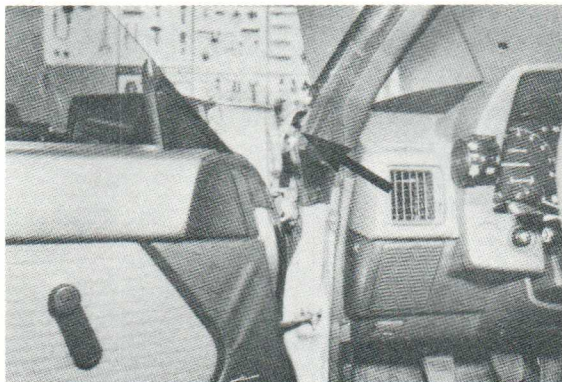


Corolla — Insert Tip 2

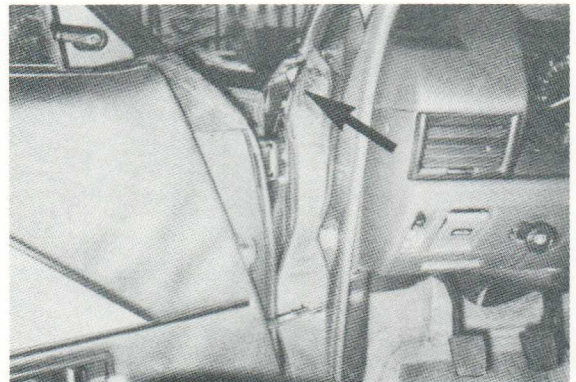
2B. Front Fenders (Rear)

Insert misting tip as far as possible. While ACM mist is being applied, draw tip out.

Truck application has already been completed through hood cushion mounting holes (illustrated on previous page).



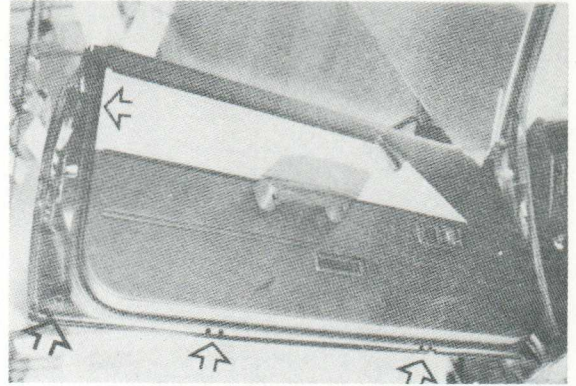
Celica — Insert Tip 2



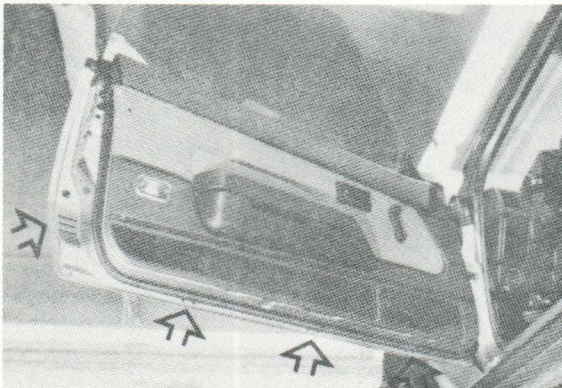
Corolla — Insert Tip 2

3. Doors

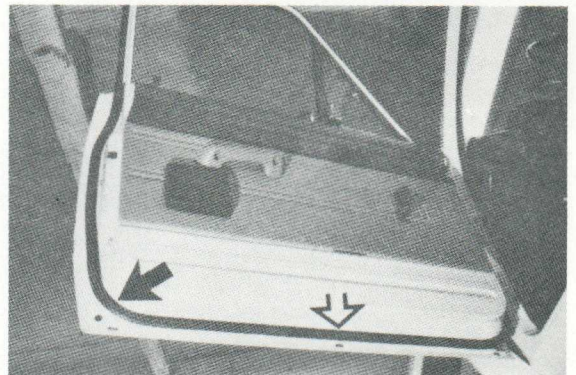
Use appropriate mist tip depending on size of drain hole. Use mist tip #2 if possible. Mist through each drain hole until vapor appears at upper openings.



Corolla — Insert Tip 1



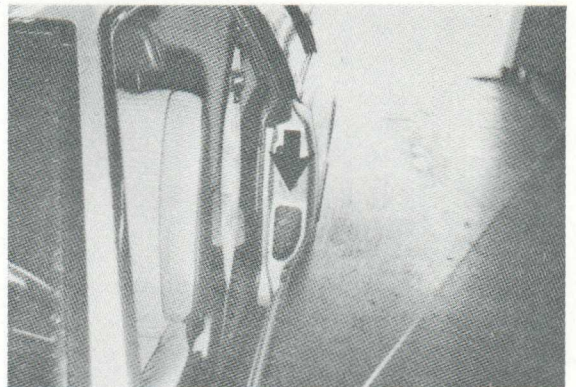
Celica — Insert Tip 1



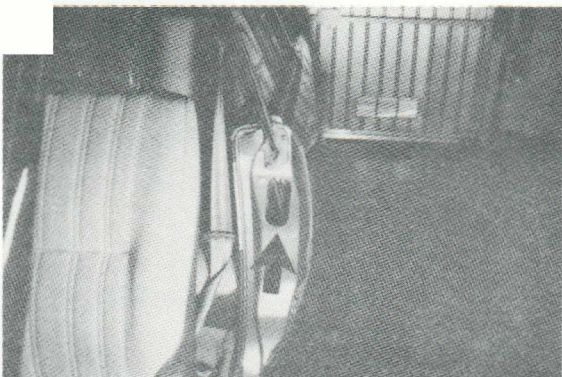
Truck — Insert Tips 1 and 2

4A. Quarter Panels (Front)

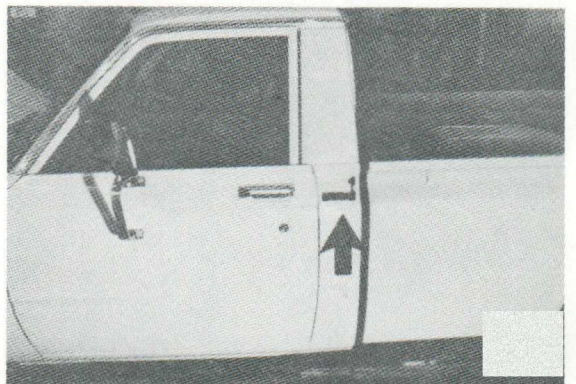
Insert mist tip as far as possible and apply ACM. If possible, vapor should appear at rear opening in trunk area.



Corolla — Insert Tip 2



Celica — Insert Tip 2



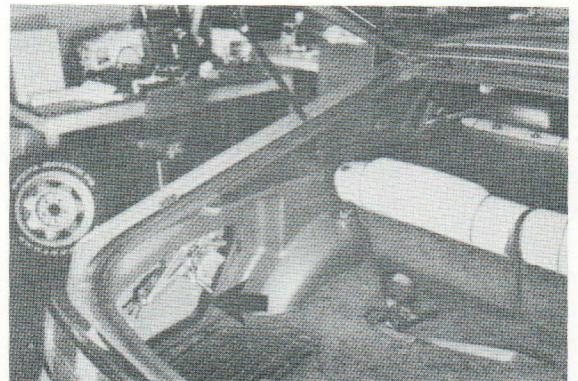
Truck — Insert Tip 2

4B. Quarter Panels (Rear)

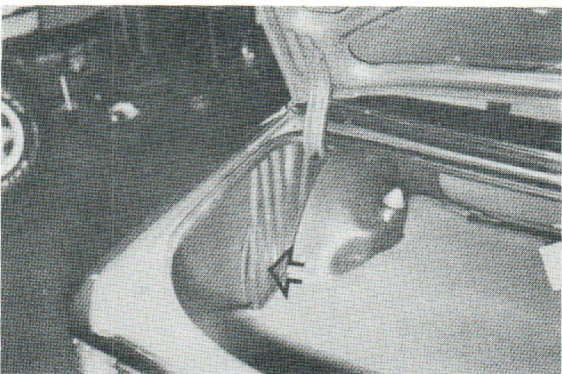
Remove inside covering and insert mist tip as far as possible. Treat entire cavity.



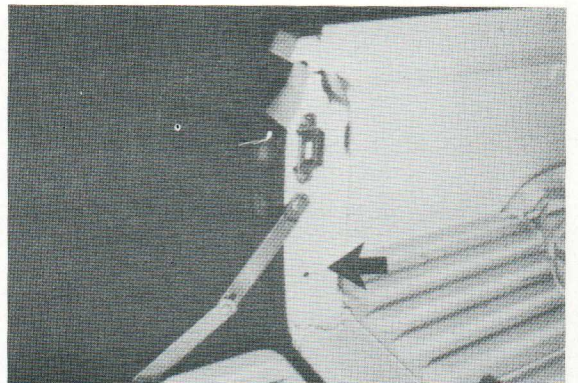
Celica — Tip 2



Celica — Tip 2



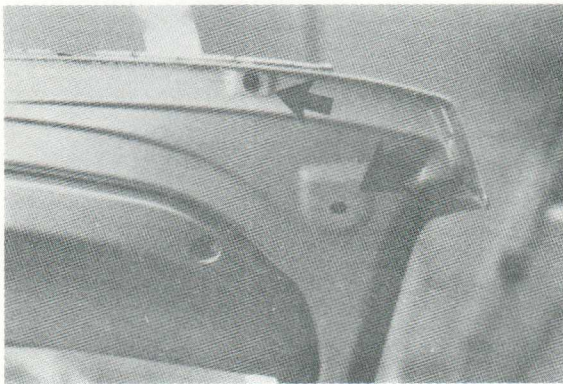
Corolla — Tip 1



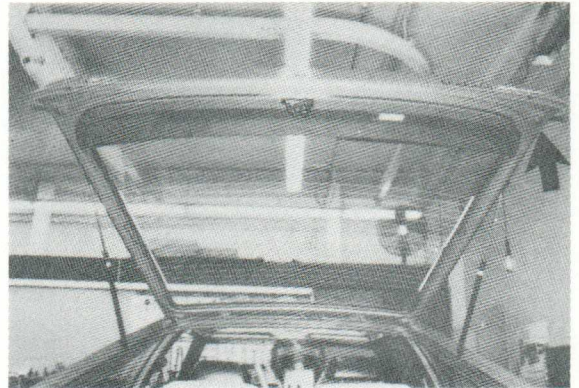
Truck — Tip 2

5. Deck Lids, Liftback and Tailgates

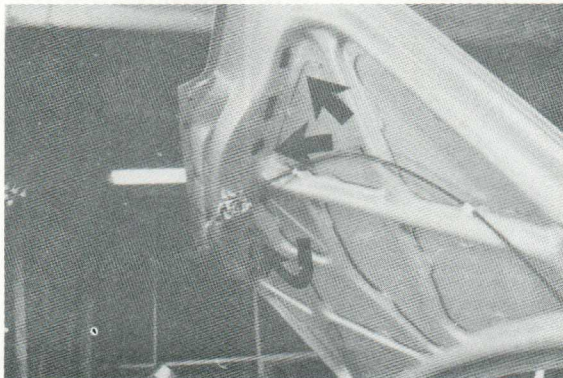
Liftback cover channels are treated by removing the rubber cushions and inserting the appropriate misting tip as far as possible. Deck lids and tailgate are treated the same way that hoods are.



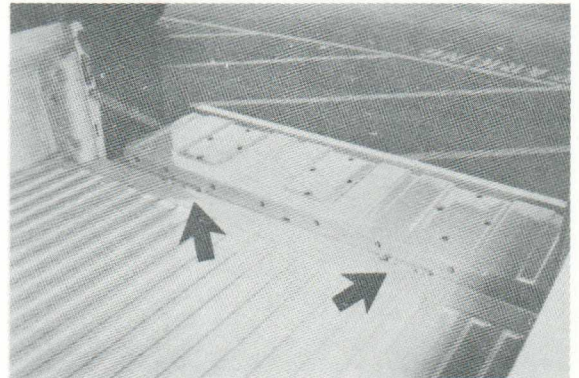
Celica — Insert Tip 2



Celica — Insert Tip 2



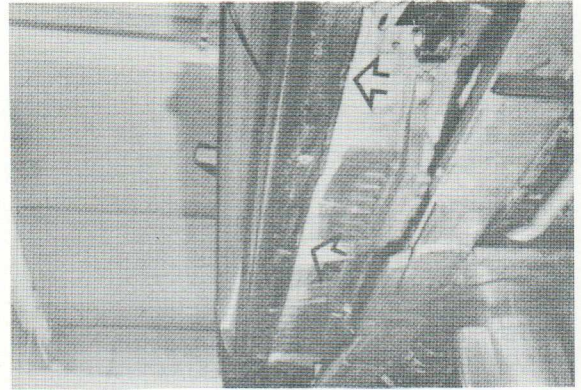
Corolla — Insert Tip 2



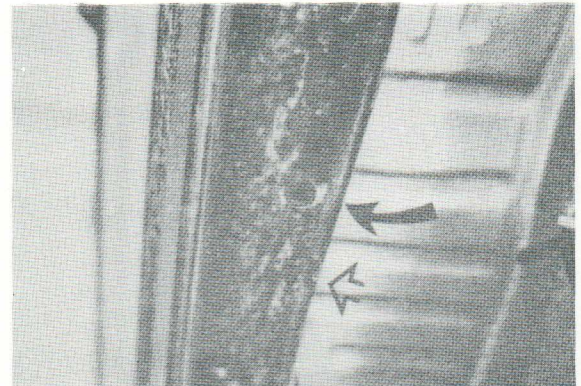
Truck — Insert Tip 2

6. Rocker Panels

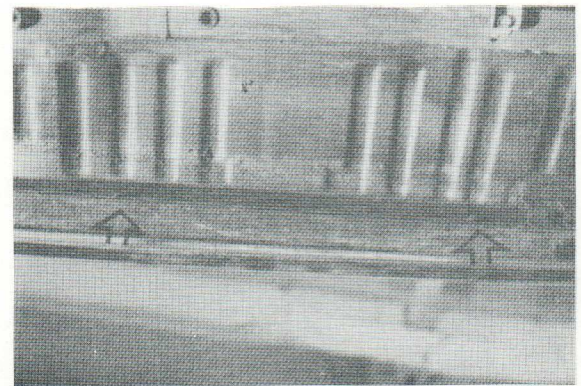
Remove rubber plugs and insert mist tip as far as possible. If vehicle is not equipped with plugs, insert mist tip into drain holes and mist until vapor is visible at other drains.



Insert Tip 1



Insert Tips 1 and 2



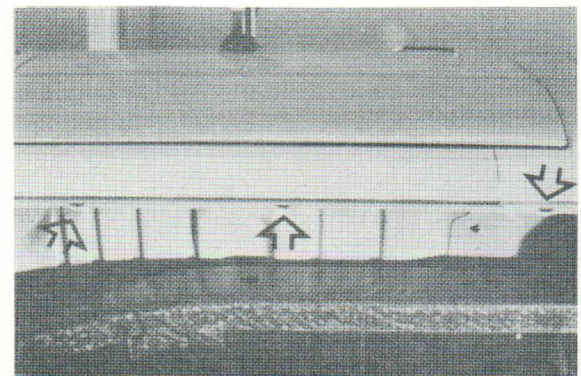
Insert Tip 1

Approved ACM material, Application Gun and Tips are available through your local Toyota Dealer under the following part numbers:

Application Gun and Tips - 00293-2PG00

Anti Corrosion Material (1 qt.) - 00293-1AC11

Anti Corrosion Material (5 gal. pail) - 00293-2AC00



Insert Tip 1



The following application chart shows factory-prepared service manuals for Toyota vehicles imported into the U.S.

1985 APPLICABILITY LIST

YEAR	MODEL	OWNER'S	ENGINE	CHASSIS	BODY	EMISSION CONTROL	AUTO. TRANS.	A/C SYSTEM	A/C COMPRES	SERVICE SPEC.	MAINT. PROCED.	ELECT. WIRING DIAG.	ELECT. WIRING REPAIR	SEAT BELT SYSTEM	COLLISION
COROLLA															
	Diesel: CE82E.L	12429U						36240A (4A-LC.1C-LC)					36702A	—	36434-E
	FWD: AE82.83.84														
	RWD: AE86.88	12431U						36241A (4A-C.4A-GEC)					36703A	—	
	CELICA	14433U						36242A (22R-E)					36704A	—	36182
	RA63.64.65														
	CELICA CONV.	37746-S						36221-S (22R-E)					36704A		36182
	RA63.64.65														
	TERCEL	16419U						36239A (3A.3A-C)					36701A	—	36431-E
	STD: AL3#G.AL3#H														
	4x4: AL3#V.AL3#W	16420U													36432-E
	CRESSIDA	22413U						36245A [†] (5M-GE)					36707A [‡]	—	N/A
	MX72.73														
	SUPRA	14432U						36243A (5M-GE)					35705A	—	36182
	MA67														
	CAMRY	32412U						36244A (2S-ELC.1C-TLC)					36706A	—	36433-E
	STD: SV12.16														
	Diesel: CV12														
	VAN	28406U						36248A (3Y-E)					36708A	—	—
	YR22.26.27														
	PICKUP	35426U						36247A (2L.2L-T)					—	—	—
	STD Diesel: LN50.55, 56.58.59														
	4x4 Diesel: LN68	35427U													
	STD: RN50.55.56	35426U													
	4x4: RN60.65.66	35427U						36246A (22R.22R-E)					—	—	—
	4Runner: RN61.62.65														
	LAND CRUISER	60416U	36104 (2F)	36044	36043	—	00015	00401	—	36783-A	36679A	—	—	—	
	FJ60														

[†] SEDAN ONLY—85½ supplement will be published for WAGON.

N/A—Publication number not available at time of printing.

CORONA

1968	RT43,52	96202	98022-01 (3R-C)	98015	98016	98218	96014	00035	00031 (2C-90)	01632	—	—	—	—	—
1969	RT43,52					98012					—	—	—	—	
1970	RT83	96252	98023 (8R-C)	98417	98418	98043	98075 (A-30)	00061	00104	00036 (CC2M)	—	—	—	—	—
1971	RT83,93	96312				98070					—	—	—		
1972	RT85,95	96522	98107 (18R-C)	98290	98109	98086 +98088-1	98187 (A-40)	00176	00197 (6P134)	01660-01	—	—	—	98110	—
1973	RT85,89, 95	9663A				98106					—	—	—		
1974	RT104,114, 118	9676A	98107 +98101 (18R-C)	98290	98109	98117	98187 (A-40)	00176	00197 (6P134)	01660-01	—	—	—	98110	—
1975	RT105,115, 119	9694A				981135					—	—	—		
1976	RT105,115, 119	9706A	98116 (20R)	98316	98317	98159	98187 (A-40)	00176	00197 (6P134)	01660-01	42463-1	42457	01772-03	—	—
1977	RT105,115, 119	9726A				98137					—	—	—		
1977½	RT105,115, 119	9736A	98116 (20R)	98316	98317	98268	98187 (A-40)	00176	00197 (6P134)	01660-01	98137	—	98887 +42503	—	98134
1978	RT105,119					98161					98208	98890	—	—	
1979	RT134	9747A	98116 (20R)	98316	98317	98298	98187 (A-40)	00176	00197 (6P134)	01660-01	98257	98214	98891	—	—
1980	RT134	9761A				98314					98227	98932	—	—	
1981	RT32,36	9776A	36056 (22R)	98316 +36096	98317	98374	98265-1 +98280 (A-40D)	00412	00401 (6P148)	00401 (6P148)	98377	98231	98943	—	—
1982	RT32,36	3728A				36042					—	—	—		
						36142					—	36144	98957	—	—

AL APPLICATION CHART

YEAR	MODEL	OWNER'S	ENGINE	CHASSIS	BODY	EMISSION CONTROL	AUTO. TRANS.	A/C SYSTEM	A/C COMPRES	SERVICE SPEC.	MAINT. PROCED.	ELECT. WIRING DIAG.	ELECT. WIRING REPAIR	SEAT BELT SYSTEM	COLLISION
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COROLLA TERCEL

1980	AL10	9753A	98386 (1A-C)	98352	98353	98372	98385 (A-55)	00001	00401 (6P127)	98377	98231	98943	—	—	98367
1981	AL21,22,25	9777U	98386 (3A-C)			36040				36045	98236	98949	—	—	
1982	AL21,22,25	3730U	36148 (3A-C)									—	—		
1983	AL3#G,3#H	3737A	36193A (3A-C)									36674A	—	36431E	
	AL3#W	3743A													
1984	STD: AL3#G, AL3#H	3764U	36218-A (3A,3A-C)									36687-A	—	36431-E	
	4x4: AL3#V, AL3#W	3765U													

CAMRY

1984	STD: SV12,16	3761U	36222-A (2S-ELC.IC-TLC)									36691-A	—	36433-E
	Diesel: CV12													

CELICA

1971	RA20	96432	98023 (8R-C)	98061	98062	98043 +98052	—	00104	00031 (2C-90)	01632	—	—	—	—	—
1972	RA21	96512	98107 (18R-C)	98061-1		98070	—				—	—	—	—	—
1973	RA21	9664A	98107 +98101 (18R-C)		98116 (20R)	98143	98140	98106	98187 (A-40)	00259	00197 (6P134)	—	—	—	—
1974	RA21	9683A		98117								42463-1	42457	01772-02	—
1975	RA22	9695A	98116 (20R)	98143	98140	98135	98159	98187 (A-40)	00259	00197 (6P134)	98137	—	98887 +42503	—	98134
1976	RA24,29	9705A									98117	98137	—	98887 +42503	—
1977	RA24,29	9717A	98116 (20R)	98143	98140	98135	98159	98187 (A-40)	00259	00197 (6P134)	98161	98208	01888	—	—
1978	RA42	9732A									98263	98264	98268	00346	98257
1979	RA42	9749A	98312 (20R)									—	—	—	
1980	RA42	9762A	98388 (20R)									—	—	—	
1981	RA43,44	9781A	36050 (22R)									—	—	—	
1982	RA63,64	3719A	36150 (22R)									98954	—	36182	
1983	RA63,64,65	3741A	36199A (22R,22R-E)									36676A	—		
1984	RA63,64,65	3763U	36221-A (22RE)									36690-A	—		

SUPRA

1979	MA46	9752A	98255 +98331 (4-M)	98330 +98263	98330 +98264	98334	98265-1 +98280 (A-40D)	00436	—	98332	98228	98932	—	—	—
1980	MA46	9766A	98255 +98331 (4M-E)			98375		00346	00401 (6P148)	98377	98231	98943	—	—	—
1981	MA47	9783A	36057 +36058 (5ME)	98330 +98263	98330 +98264	36046	98396 (A-43D)	00436	—	36045	98236	98949	—	—	—
1982	MA67	3718A	36145 (5M-GE)			36147 +36150	36143	36136 (A-43DL)	36147 +36150	36150	—	36144	—	98955	—
1983	MA67	3740A	36200A (5M-GE)									36677A	—		
1984	MA67	3762U	36223-A (5M-GE)									36692-A	—		

YEAR	MODEL	OWNER'S	ENGINE	CHASSIS	BODY	EMISSION CONTROL	AUTO. TRANS.	A/C SYSTEM	A/C COMPRES	SERVICE SPEC.	MAINT. PROCED.	ELECT. WIRING DIAG.	ELECT. WIRING REPAIR	SEAT BELT SYSTEM	COLLISION
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VAN WAGON

1984	YR22.26	3751U					36227-A (3Y-E)					36694-A	—	—
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CARINA

1972	TA12	96422	98311 (2T-C)	98061-1	98062	98070	98075 (A-30)	00104	00031 (2C-90)	01632	—	—	—	—	—
1973	TA12	9665A				98086					—	—	—	—	

MARK II

1969-70	RT62.72,78	96262	98023 (8R-C)	98024	98025	98012	98075 (A-30)	00054	00031 (2C-90)	01632	—	—	—	—	—
1971	RT62.72,78	96402				98043 +98052					—	—	—	—	
1972	RT63.73,79	96532	98107 (18R-C)	98078	98079	98070	98075 (A-30)	00152	00036 (CC2M)	01660	—	—	—	—	—
	MX12.22,28	96562	98067 (2M)			98070 +98070-01					—	—	—		
1973	MX13.23,29	9668A	98067 (4M)	98078	98079	98086 +98088-01	98075 (A-30)	00152	00036 (CC2M)	01660	—	—	—	—	—
1974	MX13.23,29	9677A	98067 +98101			98106					—	—	—		
1975	MX13.23,29	9698A	98128 +98122	98078	98079	98117	98075 (A-30)	00152	00207 (2M110)	42463-1	42458	01772-07	—	98110	—
1976	MX13.29	9707A	98128 +98122			98135				—	—	—	—	—	98137

CROWN

1969-70	MS53.55	96091	98004	98000	98001	98012	98075 (A-30)	00038	00037 (CC6DA)	01632	—	—	—	—	—
1971	MS53.55	96331				98043					—	—	—	—	
	MS63.66,75	96391	98067	98068	98069	98043 +98051	00103	—	—	—	—	—	—	—	

CRESSIDA

1978	MX32.36	9725A	98255 (4-M)	98192	98191	98269	98396 (A-40D)	00306 00371	00307 (6E171)	98257	98214	98891	—	—	—
1979	MX32.36	9746A		98192 +98315	98191 +98315	98299		00306 00371 00414		98314	98227	98932	—	—	—
1980	MX32.36	9760A	98255 +98331 (4-M)	36091	36046	98375	98396 (A-43D)	00013	00307 (6E171)	98377	98231	98943	—	—	—
1981	MX62	9779A	36057 +36058 (5M-E)			36045				98236	—	98950	—	—	—
1982	MX62	3729A	36057 (5-ME)	36091	36046	—	98396 (A-43D)	00013	00307 (6E171)	—	36144	—	98956	36091	36118*
1983	MX62.63	3739A	—			—				—	36201A (5M-GE)	—	—	—	—
1984	MX62.63	3760U	—	—	—	36224-A (5M-GE)	—	—	—	—	—	—	36693-A	36224-A	—

STARLET

1981	KP61	9774A	36103 (4K-C)	36053	36054	36039	—	00017	00401 (6P127)	36045	98236	98949	—	—	36158
1982	KP61	3727A				36141				—	—	—	—	—	
1983	KP61	3744A	—	—	—	36183A (4K-E)	—	—	—	—	—	36673A	—	—	—
1984	KP61	3766U	—	—	—	36213-A (4K-E)	—	—	—	—	—	36686-A	—	—	—

*does not include independent rear suspension

YEAR	MODEL	OWNER'S	ENGINE	CHASSIS	BODY	EMISSION CONTROL	AUTO. TRANS.	A/C SYSTEM	A/C COMPRES	SERVICE SPEC.	MAINT. PROCED.	ELECT. WIRING DIAG.	ELECT. WIRING REPAIR	SEAT BELT SYSTEM	COLLISION
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COROLLA

1968	KE10,15,16	98403	98309 (3K-C)	98311 (2T-C)	98411	98412	98218	98413	00029	00031 (2C-90)	01632	—	—	—	—	—						
1969	KE10,15,16	96072					98012					—	—	—	—							
	KE11,17,18	96082			—	—	—	—	—													
	KE11,17,18				—	—	—	—	—													
1970	KE20,25,26	96302			—	—	—	—	—													
1971	KE20,25,26	96382			98043	98074	00084	98043 + 98063	—			—	—	—	—	—	—	—	—			
	TE21,27,28				98070			—	—			—	—									
1972	KE20	96572			98047	98048	98074	98070	—			—	—	—	—	—	—	—	—			
	TE21,27,28								98086			—	—	—	—							
1973	KE20	9675A			98047	98048	98074	98070	—			—	—	—	—	—	—	—	—			
	TE21,27,28		98106	—					—	—	—											
1974	KE20	9692A	NOTE 1	98311 (2T-C)	98179	98166	98106	98187 (A-40)	00239	00213 (2C-90B)	01660-01	—	—	—	—	—						
	TE21,27,28		NOTE 2				98117					—	—	—								
1975	TE31,37,38	9696A	98309 (3K-C)	98311 (2T-C)	98179	98166	98117	98187 (A-40)	00239	00213 (2C-90B)	01660-01	—	—	—	—	—						
1976	TE31,37,38	9704A					98135					—	—	—	—							
1976½	TE51	9712A					—					—	—	—	—							
1977	KE30	9727A					98159					—	—	—	—							
	TE31,37,38,51						98161					98208	98922	—	—	—						
1977½	TE31,37,38,51						98890					—	—	—	—							
1978	KE30	9737A					98266					98161	98208	98922	—	—	—	—	—	—	—	—
	TE31,37,38,51						98257					98214	98891	—	—	—						
1979	KE30	9750A					98296					98161	98208	98922	—	—	—	—	—	—	—	—
	TE31,38,51						98297					98214	98891	—	—	—						
1980	TE72	3731A	98311 (3T-C)	98389	98390	98373	00458	00401 (6P127)	98377	98231	98943	—	—	—	—							
1981	TE71,72,75	9782A	36051 (3T-C)									—	—	36001*								
1982	TE72,75		36149 (3T-C)									98953	—									
1983	AE71,72	3742A	36194A (4A-C)									36675A	—									
1984	Diesel: CE81,82	3758U	36219-A (4A-LC,IC-LC)									36688-A	—	36434-E								
	FWD: AE82,83		36220-A (4A-C)									36689-A	—									
	RWD: AE86	3770U	36220-A (4A-C)									36689-A	—									

Note 1: 98309 + 98101 Supplement Note 2: 98311 + 98101 Supplement

*does not include rack and pinion steering

YEAR	MODEL	OWNER'S	ENGINE	CHASSIS	BODY	EMISSION CONTROL	AUTO. TRANS.	A/C SYSTEM	A/C COMPRES	SERVICE SPEC.	MAINT. PROCED.	ELECT. WIRING DIAG.	ELECT. WIRING REPAIR	SEAT BELT SYSTEM	COLLISION
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PICKUP

1969	RN11	96132	98022-1 (3R)			—	—	—	—			—	—	—	—	—							
1970	RN12	96282	98023 (8R-C)	98415		98012	—	00087	00031 (2C-90)	01632		—	—	—	—	—							
1971	RN12					98043 +98052	—					—	—	—	—	—	—	—	—	—			
1972	RN14	96452	98107 (18R-C)	98084		98070	—	98075 (A-30)	00087	01660		—	—	—	—	—							
1972½	RN22	96612				98086 +98088-1	—					—	—	—	—	—	—	—	—	—			
1973	RN22,27	9670A	98107 +98101	98084		98106	98075 (A-30)	00087	00197 (6P134)	42463-1	42457	01772-04	—	—	—	—							
1974	RN22,27	9681A				98117	—					—	—	—	—	—	—	—	—	—			
1975	RN23,28	9699A	98116 (20R)	98138		98117	98187 (A-40)	00428	00401	98137	—	98887 +42503	—	—	—	—							
1976	RN23,28	9708A				98135					—		—	—	—	—	—	—	—	—	—		
1977	RN23,28	9719A	98116 (20R)	98138		98159	98187 (A-40)	00428	00401	98161	98208	98922	—	—	—	—							
1978	RN23,28	9738A				98268					—		—	—	—	—	—	—	—	—	—		
1979	RN32,42	9748A	98116 (20R)	98138		98313	98298	00428	00401	98314	98227	98932	—	—	—	—							
	RN37,47	9755A				98313 +98343					—			—	—	—	—	—	—	—	—	—	
1980	RN32,42	9764A	98116 (20R)	98138		98387 (20R)	98298	00428	00401	98332	98228	98932	—	—	—	—							
	RN37,47	9765A				—					—		—	—	—	—	—	—	—	—	—	—	
1981	RN34,44	9784A	98116 (20R)	98138		36052 (22R)	98298	00428	00401	98332	98228	98932	—	—	—	—							
	RN38,48	9785A				—					—		—	—	—	—	—	—	—	—	—	—	
	LN30,40	3714A			36105 (1L)	36151					—		—	—	36151	—	36144	98957	—	—	—	—	—
1982	RN34,44	3722A	98116 (20R)	98138		36151 (22R)	98298	00428	00401	98332	98228	98932	—	—	—	—							
	RN38,48	3723A				—					—		—	—	—	—	—	—	—	—	—	—	
	LN44	3722A			36105 (1L)	36151					—		—	—	36151	—	36144	98957	—	—	—	—	—
1983	RN34, 44	3754A	98116 (20R)	98138		36202A (22R)	98298	00428	00401	98332	98228	98932	—	—	—	—							
	RN38, 48	3746A				—					—		—	—	—	—	—	—	—	—	—	—	
	LN44	3754A			36105 (1L)	36202A					—		—	00610	36202A	—	36780A	36679A	—	—	—	—	—
1984	STD Diesel: LN50,55	3767U	98116 (20R)	98138		36226-A (2L)	98298	00428	00401	98332	98228	98932	—	—	—	—							
	4x4 Diesel: LN65	3768U				—					—		—	—	—	—	—	—	—	—	—	—	
	STD: RN50,55,56	3767U				—					—		—	—	—	—	—	—	—	—	—	—	—
	4x4: RN60,65,66	3768U				—					—		—	—	—	—	—	—	—	—	—	—	—



FUEL SENDER GAUGE REPAIR PROCEDURES FOR 1984 CELICA MODELS

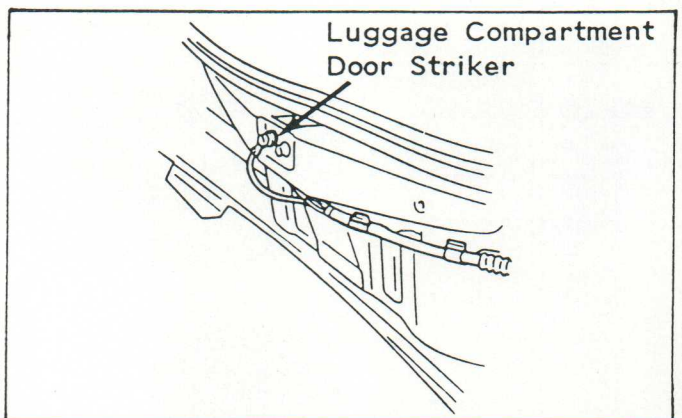
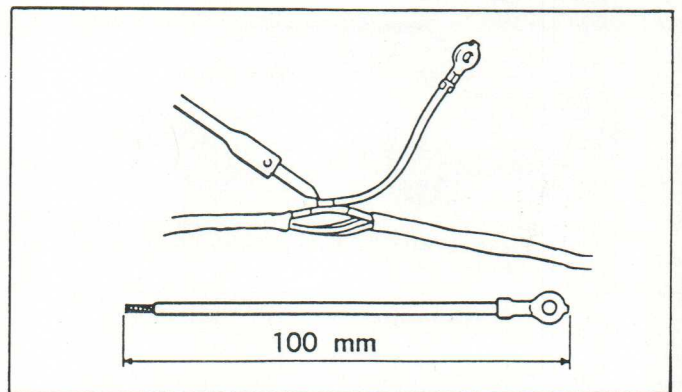
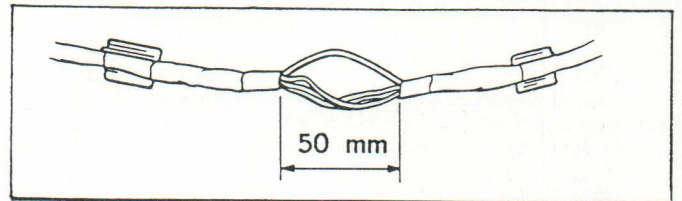
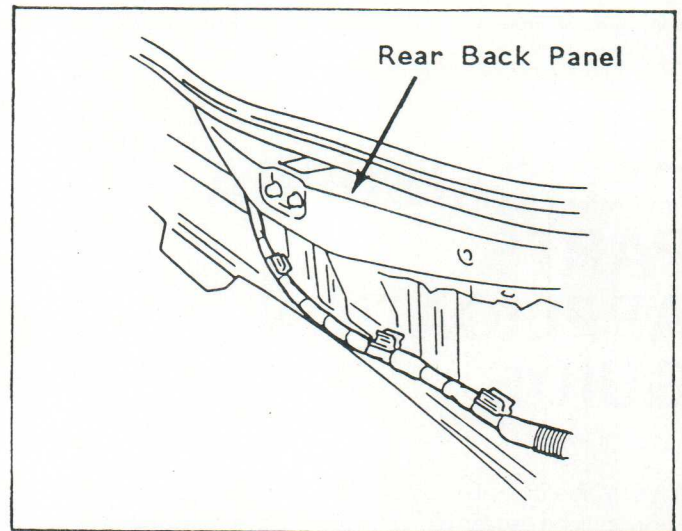
REPAIR PROCEDURES:

To correct inaccurate fuel receiver gauge readings on 1984 Celica Model (Production Date 8-83 to 2-84) perform the following repair:

1. Open luggage compartment door and remove lower back trim panel.
2. Remove the rear combination wire harness clamp located near the luggage compartment door striker.
3. Remove approximately 50 mm of vinyl tape from the wire harness near the luggage compartment door striker.
4. Remove the wire insulation from the ground wire (white/black).
5. Solder a sub-wire harness of equal wire gauge to the ground wire.

NOTE: The sub-wire harness should be approximately 100 mm long with a 7 mm diameter terminal end.

6. Wrap the connection and rear combination wire harness with black vinyl tape and clamp it to the rear back panel.
7. Install the sub-wire harness terminal end to the luggage door striker bolt.
8. Check for proper operation of the fuel gauge.





CELICA/SUPRA PARTS APPLICATION GUIDE

Toyota parts are specified by model number, engine type and/or production date. Here's where to find this information on your vehicle:

The correct model number, engine type and/or production date may be necessary in order to accurately identify the desired part number. These are located in various places on each Toyota.

Body Number (on the dash panel adjacent to Name Plate)

Certification Regulation Plate (on the center body Pillar)

Name Plate (on the dash panel in the engine room)

Vehicle Identification Number Plate (on the instrument panel)

Model number and engine type are printed on the metal plate located on the firewall.

Production date is printed on the metal plate attached to the doorjamb.

Up to August, 1980

TOYOTA

MODEL [RA42L-BCMOSA]

ENGINE [20R] [2189cc 1336 (cc)]

FRAME NO [RA42-371514]

COLOR [473] [Y245]

TRANS. [W50] [T372]

PLANT [A41]

トヨタ自動車工業株式会社 MADE IN JAPAN
TOYOTA MOTOR CO. LTD.

From August, 1980

ENGINE TOYOTA MOTOR CO. LTD.
5M-E
2759
1684
JT2MA47L5B0010203

MODEL MA47L-BLHQEA
C TR A TM 4A4 HB45 F302 A43D

MANUFACTURED BY
TOYOTA MOTOR CO. LTD.
IN 1971

THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.

VEH. IDENT. NO.

GAS CAPS

PROD. DATE	MODEL	LOCKING	NON-LOCKING
10/75-8/77	RA24	69058-12030	77310-14040
10/75-8/77	RA29	Lock on Door	77310-14070
8/77-11/79	RA42, MA46	Lock on Door	77310-14070
11/79-8/83	RA4#, 6#, MA4# MA61	Lock on Door	77310-12100
8/83-	RA6#, MA61	Lock on Door	77310-16010

TUNE UP KITS

PROD. DATE	MODEL	ENGINE	PART NUMBER
3/71-8/74	RA2#	8RC, 18RC	04183-36021
8/73-8/74	RA2#	18RC	04193-25021 (Calif. Spec.)
8/74-9/75	RA2#	20R	04193-38010

SPARK PLUGS

PROD. DATE	MODEL	ENGINE	PART NUMBER
12/70-7/74	RA2#	8R, 18RC	90919-01083
8/73-8/74	RA2#	18RC (1)	90919-01059
8/74-8/82	RA2#, 4#, 6#, MA4#, 6#	20R, 22R#, 4M-E, 5M-GE	90919-01064
8/82-	MA6#	5M-GE	90919-01115

(1) With E.G.R.

SPARK PLUG WIRE SETS

PROD. DATE	MODEL	ENGINE	PART NUMBER
8/74-8/76	RA2#	20R	90999-99026
8/76-7/77	RA2#	20R	90999-99029
8/77-8/78	RA42	20R	90999-99041
8/78-8/79	RA42	20R	90999-99048
8/79-8/81	RA42, 43	20R, 22R	90919-21300
8/81-8/82	RA64	22R	90919-21297
8/82-8/83	RA64	22R	90919-21320
8/82-	RA6#	2REC	90919-21312
1/79-8/80	MA46	4M-E	90919-21201
8/80-8/81	MA47	5M-E	90999-99085
8/81-8/82	MA61	5M-GE	90919-21311
8/82-	MA61	5M-GE	90919-21317

POINTS

PROD. DATE	MODEL	ENGINE	PART NUMBER
3/71-8/74	RA2#	8RC, 18RC	19145-26060
11/73-8/74	RA2#	18RC 1 each	19145-34150
(Dual Point)		1 each	19145-34160
8/74-8/77	RA2#	20R	04191-41010

DISTRIBUTOR ROTORS

PROD. DATE	MODEL	ENGINE	PART NUMBER
12/70-8/77	RA2#	8RC, 18RC, 20R	19102-33012
8/77-8/79	RA42	20R	19102-26150
8/79-	RA42, 43, 64	20R, 22R	19102-38210
1/79-5/81	MA46, 47	4MOE, 4M-E	19102-45191
8/81-8/82	MA61	5MOGE	19102-43060
8/82-	MA61	5M-GE	19102-43110

DISTRIBUTOR CAPS

PROD. DATE	MODEL	ENGINE	PART NUMBER
3/71-5/75	RA2#	8RC, 18RC, 20R	19101-33013
5/75-8/78	RA2#, 42	20R	19101-38011
8/78-8/79	RA42	20R	19101-38150
8/79-8/82	RA42, 43, 64	20R, 22R	19101-38210
8/82-	RA6#	22R#	19101-35120
1/79-8/81	MA46, 47	4M-E, 5M-E	19101-45191
8/81-	MA61	5M-GE	19101-43060

AIR FILTERS

PROD. DATE	MODEL	ENGINE	PART NUMBER
8/74-8/82	RA2#, 42, 43	20R, 22R	17801-41090
1/79-8/81	MA46, 47	4M-E, 5M-E	17801-45010
8/82-8/83	RA64	22R	17801-41090
8/81-	RA6#, MA61	22REC, 5M-GE	17801-41110

FUEL FILTERS

PROD. DATE	MODEL	ENGINE	PART NUMBER
1/74-9/75	RA2#	18RC, 20R	23300-25020
10/75-8/77	RA2#	20R	23300-24050
8/77-8/83	RA42, 43, 64	20R, 22R	23300-34100
8/82-	RA6#	22REC	23300-39025
1/79-8/79	MA46	4M-E	23300-49115
8/79-8/81	MA46, 47	4M-E, 5M-E	23300-49125
8/81-8/83	MA61	5M-GE	23300-49025
8/83-	MA61	5M-GE	23300-49025
	MA61	5M-GE	23300-49065

PCV VALVES

PROD. DATE	MODEL	ENGINE	PART NUMBER
8/74-8/76	RA2#	20R	12204-51012
8/76-8/79	RA2#, 42	20R	12204-31020
8/79-8/80	RA42	20R	12204-45010
8/80-8/82	RA43, 64	22R	12204-35101
8/82-8/83	RA64	22R	12204-35030
8/82-	RA6#	22REC	12204-35020

OIL FILTERS

PROD. DATE	MODEL	ENGINE	PART NUMBER
8/74-	RA2#, 42, 43, 64 MA46, 47, RA6#, MA61	20R, 22R, 4M-E, 22REC, 5M-GE	15601-44011

OIL DRAIN PLUGS & WASHER

PROD. DATE	MODEL	ENGINE	PLUG PART NUMBER	WASHER PART NUMBER
12/70-2/75	RA2#	8RC, 18RC, 20R	90341-25054	90430-25013
2/75-	RA2#, 4#, MA4# RA64, MA61	20R, 22R, 4M-E, 5M-E, 5MGE	90341-18089	90430-18244

OIL FILLER CAPS

PROD. DATE	MODEL	ENGINE	PART NUMBER
12/70-7/76	RA2#	8RC, 18RC, 20R,	12108-49015
7/76-	RA2#, 4#, 6#	20R, 22R#	12180-13010
1/79-8/83	MA4#, MA61	4M-E, 5M#	12180-13010
8/83-	MA61	5M-GE	12180-70010

FRONT BRAKE PADS

PROD. DATE	MODEL	PART NUMBER
10/75-8/77	RA2#	04491-14042
10/75-8/77	RA2#	04491-14052(1)
8/77-8/79	RA42,	04491-14042
8/79-8/80	RA42, MA46	04491-14100
8/80-8/81	RA43, MA47	04491-14111
8/81-	RA6#, MA61	04491-14131

(1) W/ESP

REAR BRAKE PADS

PROD. DATE	MODEL	PART NUMBER
8/83-	RA65	04492-14061
1/79-8/81	MA46, 47	04492-14041
8/81-8/82	MA61	04492-14060
8/82-	MA61	04492-14061

REAR BRAKE SHOES

PROD. DATE	MODEL	PART NUMBER
12/70-8/81	RA2#, 42, 43	04495-14010
8/81-	RA64	04495-20050
8/82-8/83	RA65	04495-22040

RADIATOR CAPS

PROD. DATE	MODEL	ENGINE	PART NUMBER
8/74-7/81	RA2#, RA4#, MA4#	20R, 22R, 4M-E, 5M-E	16401-36011
8/81-	RA6#	22R#	16401-36010
8/81-	MA61	5MGE	16401-36011

UPPER HOSES — RADIATOR

PROD. DATE	MODEL	ENGINE	PART NUMBER
8/74-9/75	RA22	20R	16571-38020
10/75-8/79	RA2#, 42	20R	16571-38012
8/79-8/81	RA42, 43	20R, 22R	16571-37010
8/81-8/83	RA64	22R	16571-35030
8/82-	RA6#	22REC	16571035060
1/79-8/81	MA46, 47	4M-E, 5M-E	16571-41070
8/81-	MA61	5M-GE	16571-43010

LOWER HOSES — RADIATOR

PROD. DATE	MODEL	ENGINE	PART NUMBER
8/74-9/75	RA2#	20R	16572-38020
10/75-8/78	RA2#, 42	20R	16572-38050
8/78-	RA42, 43, RA6#	20R, 22R, 22RH	16572-38070
1/79-8/79	MA46	4M-E	16572-41050
8/79-8/81	MA46, 47	4M-E, 5M0E	16572-41070
8/81-	MA61	5M-GE	16572-43010

BYPASS HOSES — RADIATOR

PROD. DATE	MODEL	ENGINE	PART NUMBER
8/74-8/77	RA2#	20R	16261-38010
8/77-8/80	RA42	20R	#1 16261-38010
8/77-8/79	RA42	20R	#2 16264-38020
8/79-8/80	RA42	20R	#3 16261-38030
8/80-7/82	RA43, 64	22R	16261-35010
7/82-	RA64	22R	16261-35040
8/82-	RA6#	22REC	16261-35030
1/79-8/81	MA46, 47	4M-E, 5M-E	16267-45020
8/81-	MA61	5M-GE	16267-43010

(1) On vehicles with 18RC engines and a later type cylinder head, use hose part no. 90910-05106

THERMOSTATS & GASKETS

PROD. DATE	MODEL	ENGINE	PART NUMBER
12/70-8/81	RA2#, 42, MA46, 47	8RC, 18RC, 20R, 4M-E, 5M-E	90916-03037 16341-41010
8/76-8/82	RA2#, 42, 43, 64, MA46, 47	20R, 22R, 4M-E, 5M-E	90916-03036 16341-41010
8/82-	RA6#	22R, 22REC	90916-03055 16341-35010
8/81-	MA61	5M-GE	90916-03055 16341-43010

BELTS, FANS & ALTERNATOR

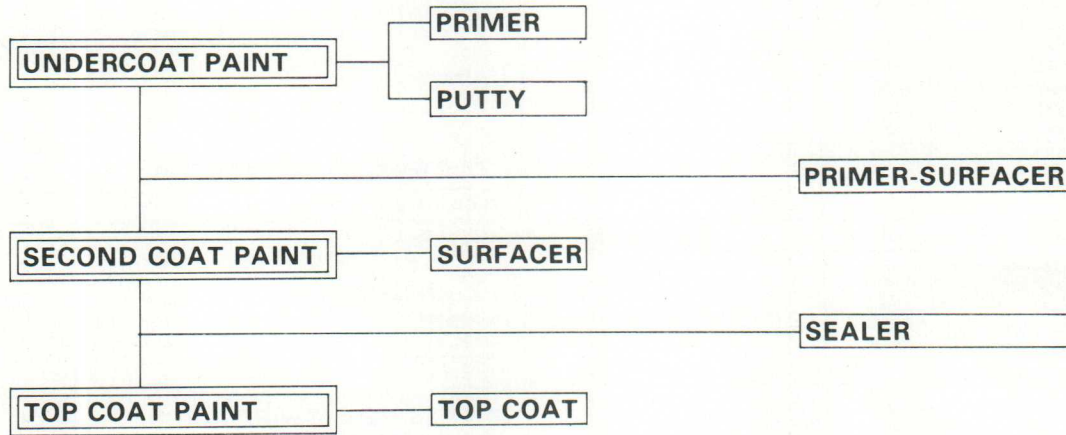
PROD. DATE	MODEL	ENGINE	PART NUMBER
8/74-8/77	RA2#	20R	99331-00875
10/75-8/77	RA2#	20R	99331-00890
8/77-8/79	RA42	20R	99331-00875
8/79-	RA42, 43, 64	20R, 22R	99331-10880
1/79-8/79	MA46	4M-E	90916-02074
8/79-	MA46, 47, 61	4M-E, 5M-E, 5M-GE	90916-02085

IGNITION COILS

PROD. DATE	MODEL	ENGINE	PART NUMBER
10/75-8/77	RA2#	20R	90919-02078
10/75-8/76	RA2#	20R	90919-02077
8/76-8/79	RA2#, 42	20R	90919-02083
8/79-8/80	RA42	20R	90919-02113
8/79-	RA42, 43, 6#	20R, 22R, REC	90919-02117
1/79-8/82	MA46, 47, 61	4M-E, 5M-E, 5M-GE	90919-02113
8/82-8/83	MA61	5M-GE	90919-02106
8/83-	MA61	5M-GE	90919-02154

FOR YOUR INFORMATION FUNCTIONS OF AUTOMOTIVE PAINTS

Functional Nomenclature of Automotive Paints — their Primary Objectives, Uses and Features.



Functional Nomenclature	Resin/Pigment Ratio	Primary Objective	Use and Features
Primer		Adhesion and anti-corrosion	Applied directly to panel surface.
Primer-Surfacer		Adhesion, anti-corrosion and smoothness	Intermediate between primer and surfacer. Applied to metal surface or over primer.
Surfacer		Smoothness and prevention of top coat absorption	Thick application possible to provide smoothness. Applied over primer.
Putty		Filler	To smooth out rough spots.
Sealer		Prevent absorption of top coat	Intermediate between surfacer and top coat. Prevents absorption of top coat and helps avoid troubles arising from old (previous) paint.
Top Coat		Upgrades external appearance	Gives color, gloss and body to help upgrade merchandising value.

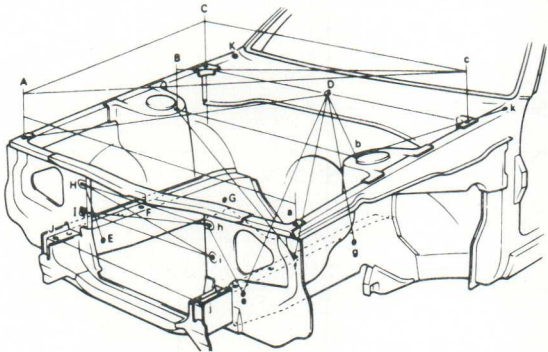
— Resin Portion (The more resin, the better gloss and less absorption into the object being painted.)
 — Pigment Portion (The more pigment, the better covering of rough spots and smoothness, but less gloss and more absorption into the object being painted.)



TOYOTA

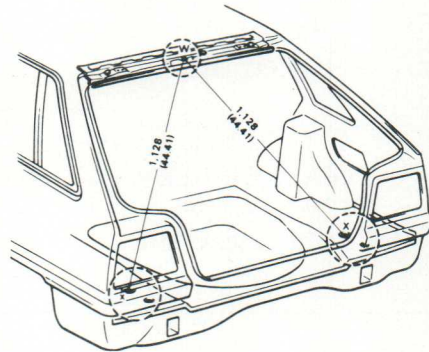
REPAIR MANUALS

FOR COLLISION DAMAGE



FEATURING:

- Factory recommended repair procedures
- Weld locations & types
- Body dimensions
- Body sealing points
- Plastics type & locations



MODEL	MODEL YEAR	PUBLICATION NO.		QTY.	PRICE
Starlet	1981, 82, 83, 84	36158	6.95		
Tercel	1980, 81, 82	98367	6.95		
Tercel	1983, 84	36431E	6.95		
Tercel 4 x 4	1983, 84	36432E	6.95		
Corolla	1980, 81, 82, 83	36001	6.95		
Corolla (RWD & FWD)	1984	36434E	8.95		
Celica & Supra	1982, 83, 84	36182	6.95		
Camry	1983, 84	36433E	6.95		
Cressida	1981, 82, 83, 84	36118	6.95		
Fundamental Painting Procedure	All	36438E	11.95		

SUB-TOTAL

California Residents add 6% (L.A. County 6½%) SALES TAX

TOTAL

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GENERAL REPAIR

- Engine Repair (— Gas — Diesel)
- Transmission/Transaxle Repair
- Brake Repair
- Suspension and Steering
- Electrical Systems
- Heating and Air Conditioning Repair
- (Other) _____

COLLISION REPAIR

- Refinishing Information
- Corrosion Protection Restoration
- High Strength Steel Locations
- Underbody Dimensions
- Welding Procedures
- Electrical Diagrams
- (Other) _____

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OF BUSINESS HERE

TYPE	
A — Brake Shops	E — Body Shops
B — Garages (General Repair Shops)	F — Radiator Repair Shops
C — Gasoline Service Stations	G — Parts Stores
D — Muffler Shops	H — Transmission Repair Shops

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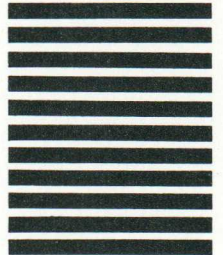
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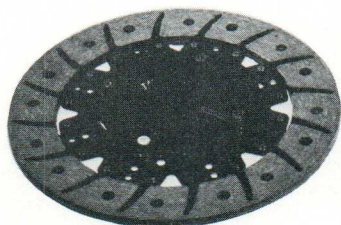
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ATTN: A112 TECHNICAL RESEARCH
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TORRANCE, CA 90509-9987



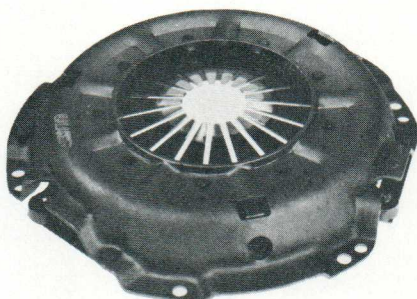
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CUTBACK YOUR COMEBACKS

Use Toyota Remanufactured Parts



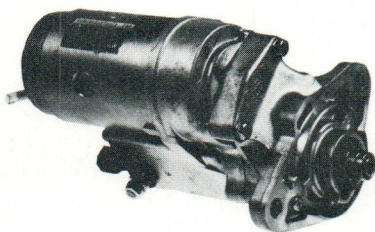
CLUTCH DISC



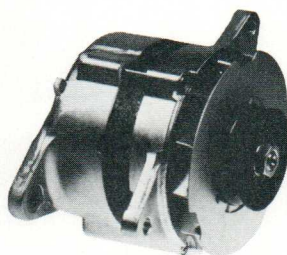
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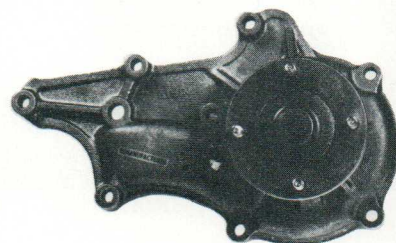
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STARTER



ALTERNATOR



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