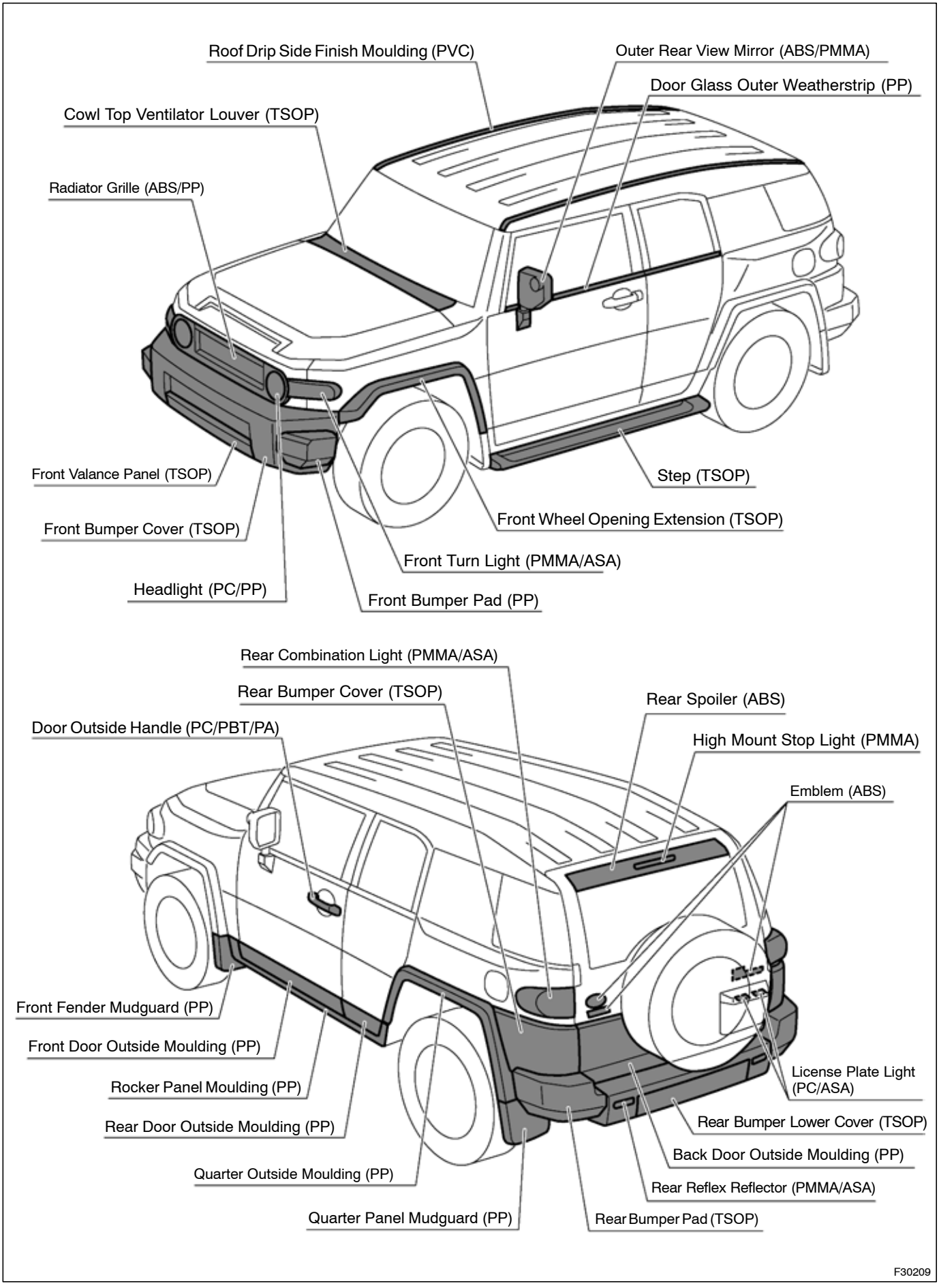
HANDLING PRECAUTIONS OF PLASTIC BODY PARTS

1. The repair procedure for plastic body parts must conform with the type of plastic material.
2. Plastic body parts are identified by the codes in the following table.
3. When repairing metal body parts adjoining plastic body parts (by brazing, frame cutting, welding, painting etc.), consideration must be given to the properties of the plastic.

Code	Material name	Heat* resistant temperature limit °C (°F)	Resistance to alcohol or gasoline	Notes
ABS	Acrylonitrile Butadiene Styrene	80 (176)	Alcohol is harmless if applied only for short time in small amounts (e.g., quick wiping to remove grease).	Avoid gasoline and organic or aromatic solvents.
ASA	Acrylonitrile Styrene Acrylate	80 (176)	Alcohol is harmless if applied only for short time in small amounts (e.g., quick wiping to remove grease).	Avoid gasoline and organic or aromatic solvents.
PA	Polyamide (Nylon)	80 (176)	Alcohol and gasoline are harmless.	Avoid battery acid.
PBT	Polybutylene Terephthalate	160 (320)	Alcohol and gasoline are harmless.	Most solvents are harmless.
PC	Polycarbonate	120 (248)	Alcohol is harmless.	Avoid gasoline, brake fluid, wax, wax removers and organic solvents. Avoid alkali.
PP	Polypropylene	80 (176)	Alcohol and gasoline are harmless.	Most solvents are harmless.
PMMA	Polymethyl Methacrylate	80 (176)	Alcohol is harmless if applied only for short time in small amounts.	Avoid dipping or immersing in alcohol, gasoline, solvents, etc.
PVC	Polyvinylchloride (Vijnyl)	80 (176)	Alcohol and gasoline are harmless if applied only for short time in small amounts (e.g., quick wiping to remove grease).	Avoid dipping or immersing in alcohol, gasoline, solvents, etc.
TSOP	TOYOTA Super Olefine Polymer	80 (176)	Alcohol and gasoline are harmless.	Most solvents are harmless.

*Temperatures higher than those listed here may result in material deformation during repair.


Roof Drip Side Finish Moulding (PVC)
Outer Rear View Mirror (ABS/PMMA)
Door Glass Outer Weatherstrip (PP)
Cowl Top Ventilator Louver (TSOP)
Radiator Grille (ABS/PP)
Front Valance Panel (TSOP)
Front Bumper Cover (TSOP)
Headlight (PC/PP)
Front Bumper Pad (PP)
Front Turn Light (PMMA/ASA)
Front Wheel Opening Extension (TSOP)
Step (TSOP)
Rear Combination Light (PMMA/ASA)
Rear Bumper Cover (TSOP)
Door Outside Handle (PC/PBT/PA)
Rear Spoiler (ABS)
High Mount Stop Light (PMMA)
Emblem (ABS)
Front Fender Mudguard (PP)
Front Door Outside Moulding (PP)
Rocker Panel Moulding (PP)
Rear Door Outside Moulding (PP)
Quarter Outside Moulding (PP)
Quarter Panel Mudguard (PP)
License Plate Light (PC/ASA)
Rear Bumper Lower Cover (TSOP)
Back Door Outside Moulding (PP)
Rear Reflex Reflector (PMMA/ASA)
Rear Bumper Pad (TSOP)
F30209