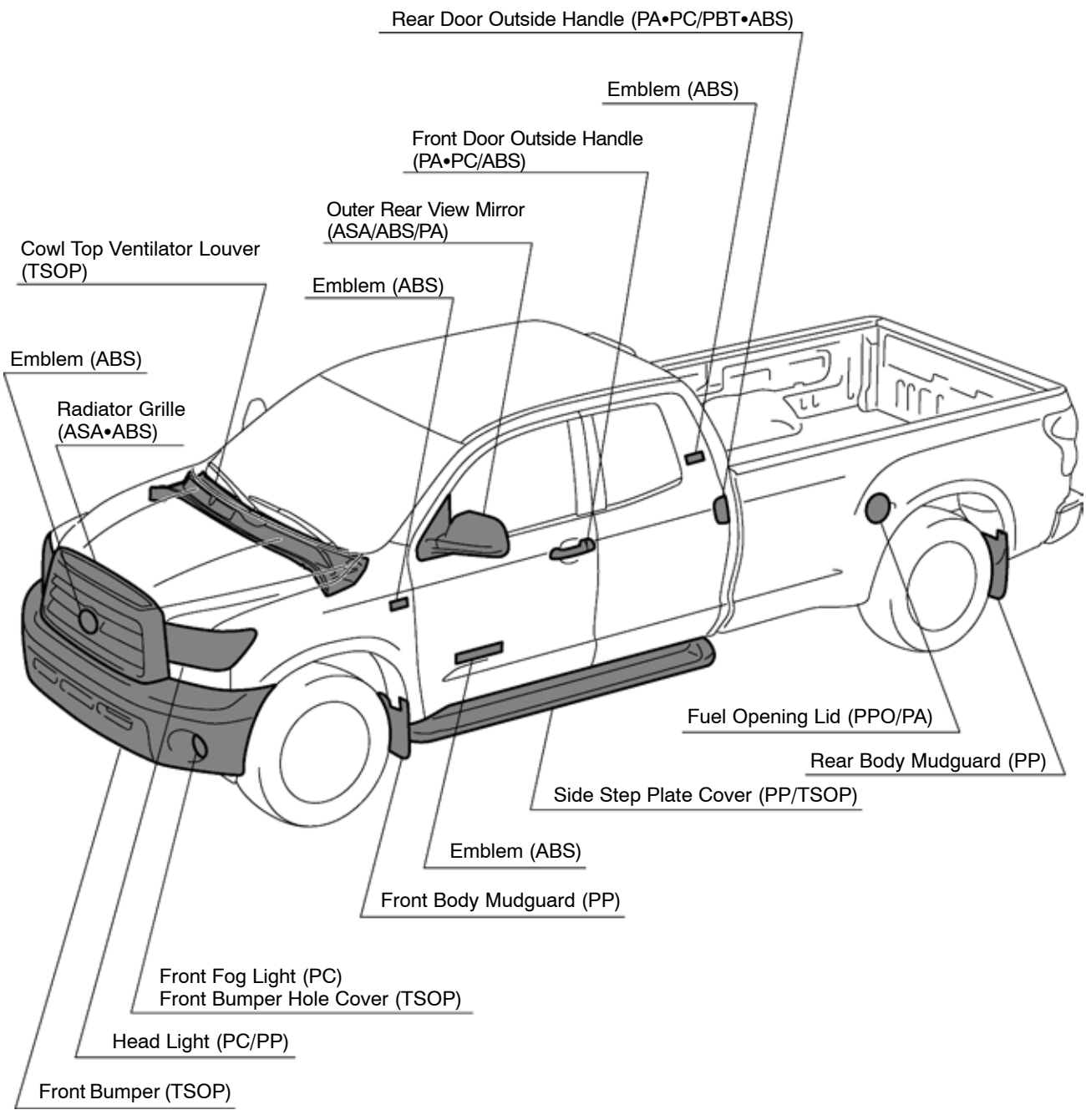
# HANDLING PRECAUTIONS OF PLASTIC BODY PARTS

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.

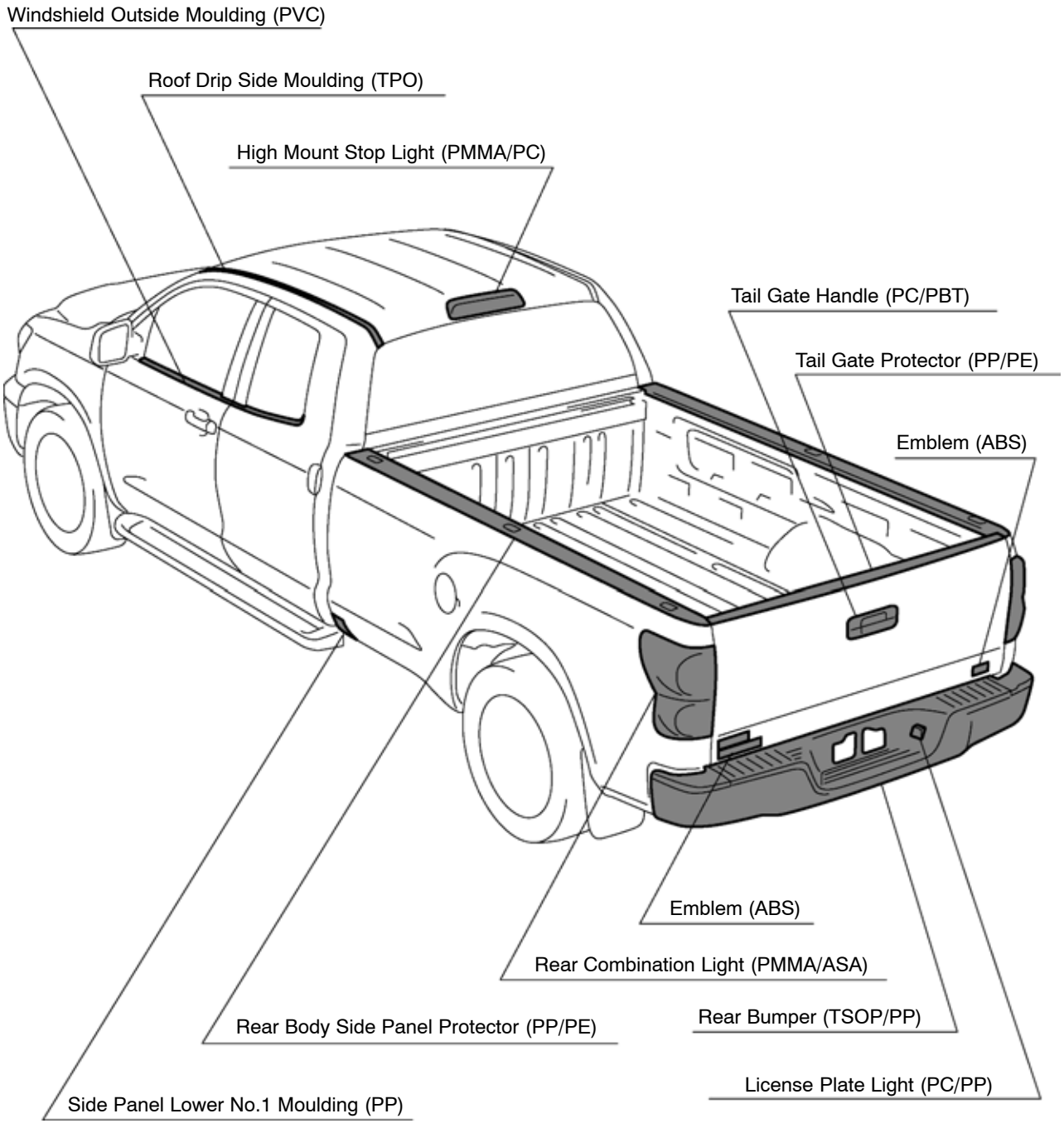
| Code | Material name | Heat* resistant temperature limit °C (°F) | Resistance to alcohol or gasoline | Notes |
|---|---|---|---|---|
| ABS | Acrylonitrile Butadiene Styrene | 80 (176) | Alcohol is harmless if applied only for short time in small amounts (e.g., quick wiping to remove grease). | Avoid 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. |
| PE | Polyethylene | 80 (176) | Alcohol and gasoline are harmless. | Most solvents are harmless. |
| PMMA | Polymethy Methacrylate | 80 (176) | Alcohol is harmless if applied only for short time in small amounts. | Avoid dipping or immersing in alcohol, gasoline, solvents, etc. |
| PP | Polypropylene | 80 (176) | Alcohol and gasoline are harmless. | Most solvents are harmless. |
| PPO | Modified Polyphenylene Oxide | 100 (212) | Alcohol is harmless. | Gasoline is harmless if applied only for quick wiping to remove grease. |
| PVC | Polyvinylchloride (Vinyl) | 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, gasline, solvents, etc. |
| TPO | Thermoplastic Olefine | 80 (176) | Alcohol is harmless. Gasoline is harmless if applied only for short time in small amounts. | Most solvents are harmless but avoid dipping in 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.




HINT:
- Resin material differs with model.
/ Made up of 2 or more kinds of materials.

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HINT:
/ Made up of 2 or more kinds of materials.

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