

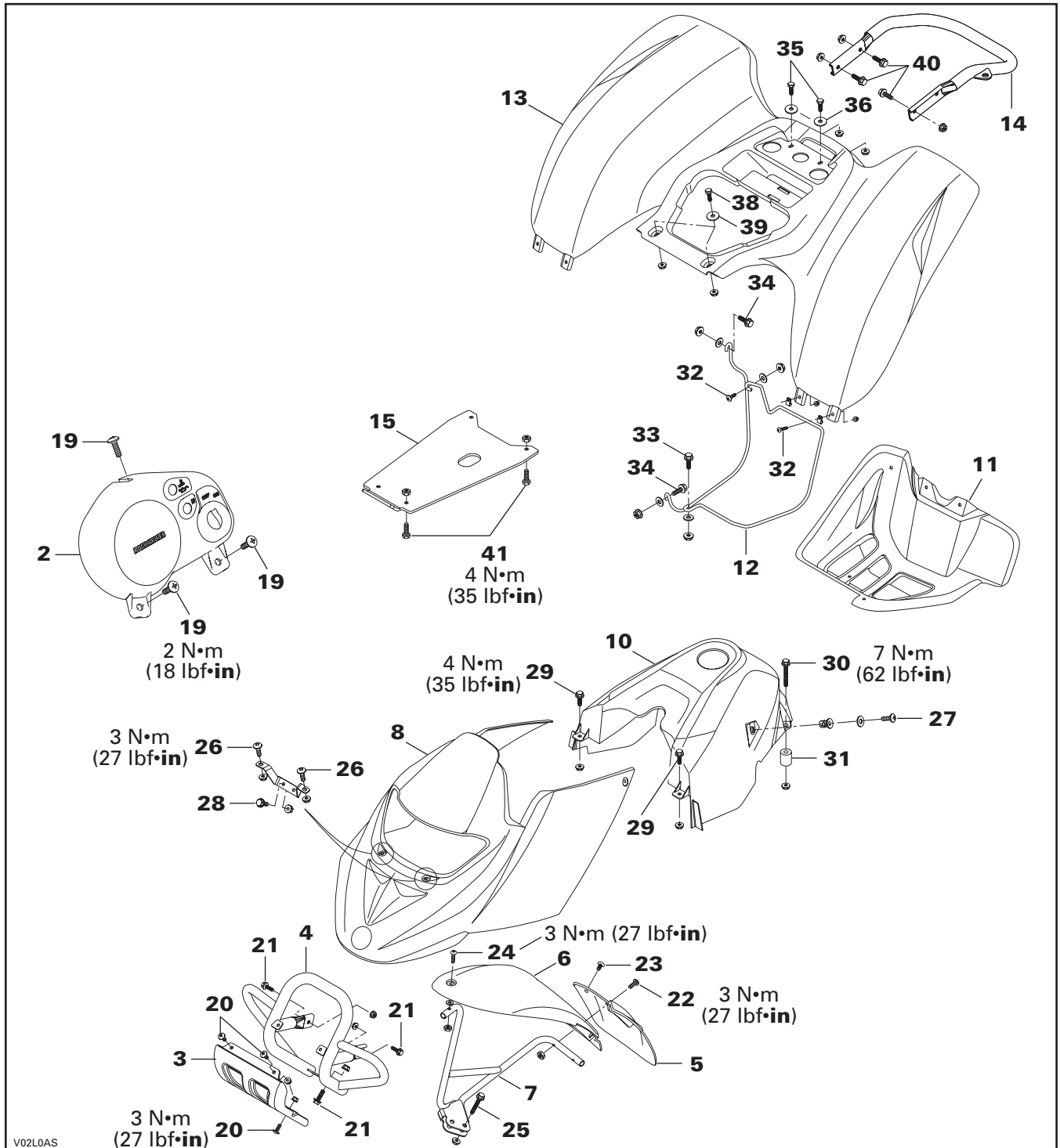
TABLE OF CONTENTS

BODY	10-02-1
BODY PARTS	10-02-1
SEAT.....	10-02-2
1, SEAT.....	10-02-3
2, DASHBOARD	10-02-3
3, FRONT SKID PLATE	10-02-3
4, FRONT BUMPER	10-02-3
5, MUDGUARD	10-02-3
6,7, FRONT FENDER/SUPPORT.....	10-02-4
8, FRONT FACIA	10-02-4
9, FRONT FACIA BRACKET.....	10-02-4
10, FUEL TANK COVER	10-02-4
11, FOOT PROTECTOR.....	10-02-4
12, FOOT PROTECTOR SUPPORT.....	10-02-4
13, REAR FENDER	10-02-5
14, REAR BUMPER	10-02-5
15, ENGINE SKID PLATE.....	10-02-5
16,17,18, LATCH BASE/LATCH LEVER/SPRING	10-02-5
SEAT ADJUSTMENT	10-02-5
SEAT COVER REPLACEMENT	10-02-5
SEAT CLEANING	10-02-6
DECALS REPLACEMENT	10-02-6
PLASTIC MAINTENANCE/REPAIR.....	10-02-7
MAINTENANCE	10-02-7
REPAIR.....	10-02-7

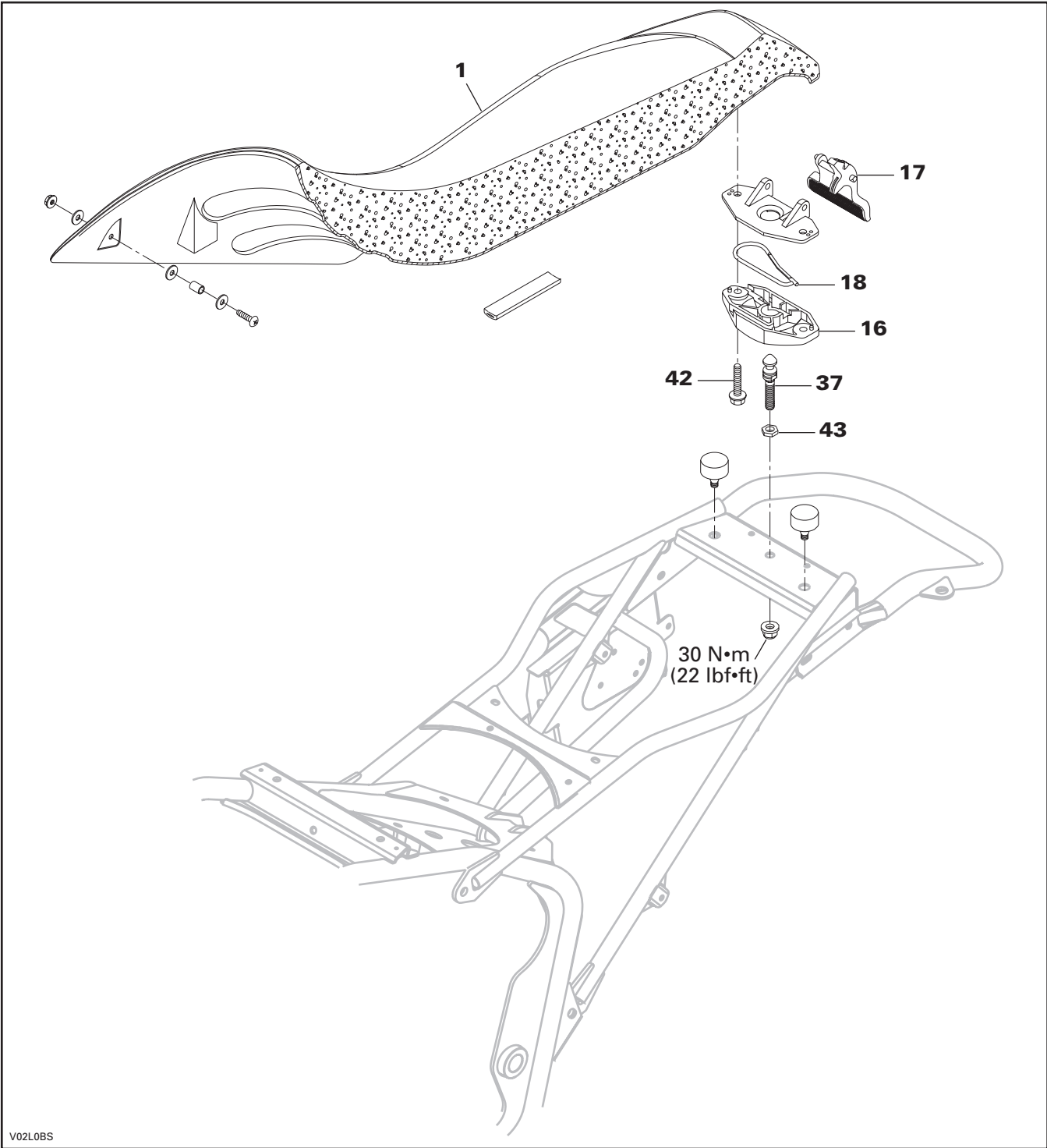
FRAME	10-03-1
1, FOOTREST	10-03-2
2, DASHBOARD SUPPORT	10-03-2
3, REAR FRAME EXTENSION.....	10-03-2
4, FRAME	10-03-3

BODY

BODY PARTS



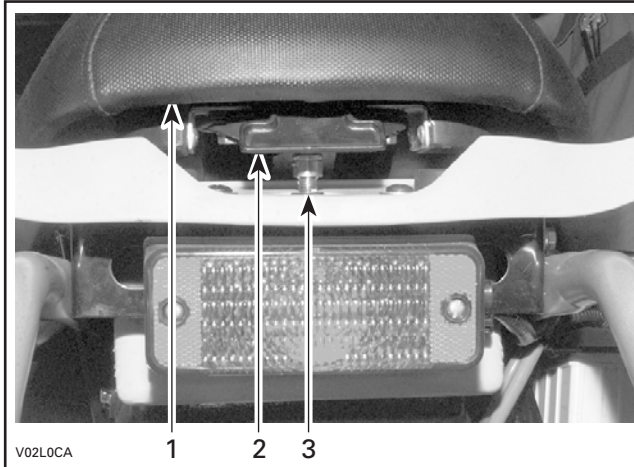
SEAT



1, SEAT

Removal

Pull latch upward while gently lifting rear of seat. Continue lifting movement until you can release the front retaining devices, then, completely remove seat.



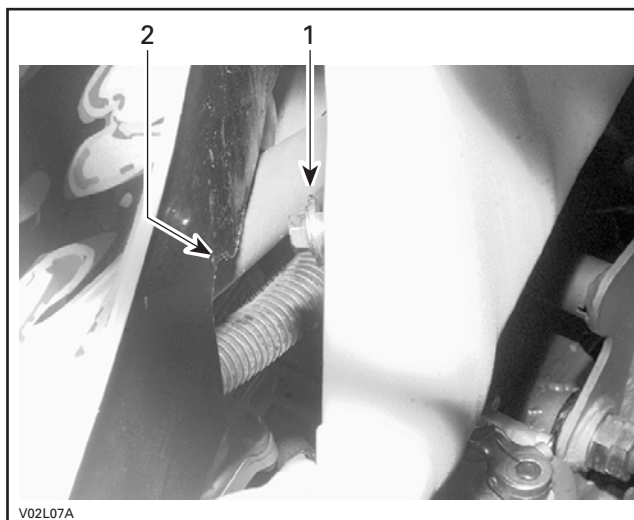
1. Seat
2. Latch
3. Seat lock pin

Installation

Insert seat front tab into hook. Pull latch lever to insert it over the rear lock pin. Release latch lever then firmly push on rear of the seat to relatch.

⚠ WARNING

Make sure both front pins are properly hooked on frame before riding.



1. Seat latch
2. Body hook

⚠ WARNING

Periodically, verify the seat lock pin and tighten if needed. Make sure seat is securely latched before riding.

2, DASHBOARD

Removal

Remove screws no. 19.
Remove ignition switch.
Unplug indicator lamps connectors.

Installation

Installation is the reverse order of removal.

3, FRONT SKID PLATE

Removal

Remove screws no. 20.

Installation

Installation is the reverse order of removal.

4, FRONT BUMPER

Removal

Remove front skid plate.
Remove bolts no. 21.

Installation

Installation is the reverse order of removal.

5, MUDGUARD

Removal

Remove screws no. 22 and dart no. 23.

Installation

Installation is the reverse order of removal.

Section 10 BODY/FRAME

Subsection 02 (BODY)

6,7, FRONT FENDER/SUPPORT

Removal

Front Fender

Remove screws nos. 22 and 24.

Front Fender Support

If necessary, remove mudguard and front fender.
Remove bolts no. 25 retaining the support to the knuckle.

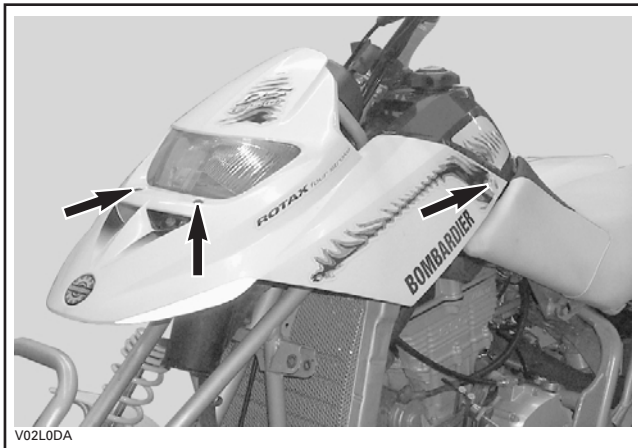
Installation

For the installation, reverse the removal procedure.

8, FRONT FACIA

Removal

Remove screws no. 26 under headlight.
Remove screws no. 27 on each side of fuel tank cover.



Installation

Installation is the reverse order of removal.

9, FRONT FACIA BRACKET

⚠ WARNING

Never perform this operation immediately after the engine has been run because the oil tank can be very hot. Wait until oil tank is warm.

Removal

Remove the front facia.
Unscrew the bolts no. 28 retaining the front facia bracket to the oil tank.

Installation

For the installation, reverse the removal procedure.

10, FUEL TANK COVER

⚠ WARNING

Never perform this operation immediately after the engine has been run because the oil tank can be very hot. Wait until oil tank is warm.

Removal

Remove:

- seat
- front facia
- fuel tank cap.

On the front side, unscrew the bolts no. 29 retaining the fuel tank cover and oil tank.

On the rear side, unscrew the bolts no. 30 and remove spacers no. 31.

Pull fuel tank cover and fuel tank backward then remove fuel tank cover.

Installation

Installation is the reverse order of removal.

11, FOOT PROTECTOR

Removal

Unfasten screws nos. 32 and 33 then remove foot protector.

Installation

Installation is the reverse order of removal.

NOTE: Install all bolts before torque.

12, FOOT PROTECTOR SUPPORT

Removal

Remove foot protector.

Unscrew bolts no. 34 retaining support to the frame.

Installation

Installation is the reverse order of removal.

NOTE: Install all bolts before torque.

13, REAR FENDER

Removal

Remove:

- seat
- screws **no. 35** and washers **no. 36** near the latch stud **no. 37**
- screws **no. 38** and washers **no. 39** located in front of air box cover
- screws **no. 32** retaining foot protector to rear fender.

Installation

Installation is the reverse order of removal.

14, REAR BUMPER

Removal

Remove screws **no. 40** then the screw retaining rear bumper and muffler.

Installation

Installation is the reverse order of removal.

15, ENGINE SKID PLATE

Inspection

The skid plate protects the engine. Check for damage, cracks or looseness.

Change if skid plate is damaged or cracked.

Removal

Under vehicle, remove bolts **no. 41**.

Installation

Installation is the reverse order of removal.

NOTE: Install all bolts before torque.

16,17,18, LATCH BASE/LATCH LEVER/SPRING

Removal

Latch Base

Remove bolts **no. 42** and separate latch base from latch lever and spring.

Latch Lever

Remove latch base.

Separate latch lever from spring.

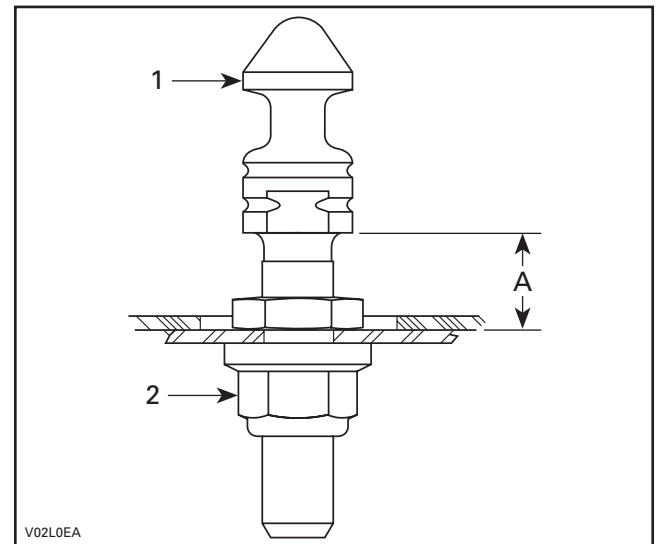
Spring

Remove latch base.

Separate spring from latch base and latch lever.

SEAT ADJUSTMENT

For latch stud **no. 37** adjustment, unscrew the latch stud nut **no. 43** and screw or unscrew the latch stud to the best height. See the following illustration.



1. Lock pin

2. Adjustment nut (apply Loctite 271)

A. 14 ± 2 mm (9/16 $\pm$ 5/64 in)

Torque the latch stud nut.

SEAT COVER REPLACEMENT

Remove the old seat cover. Check the foam and replace if necessary.

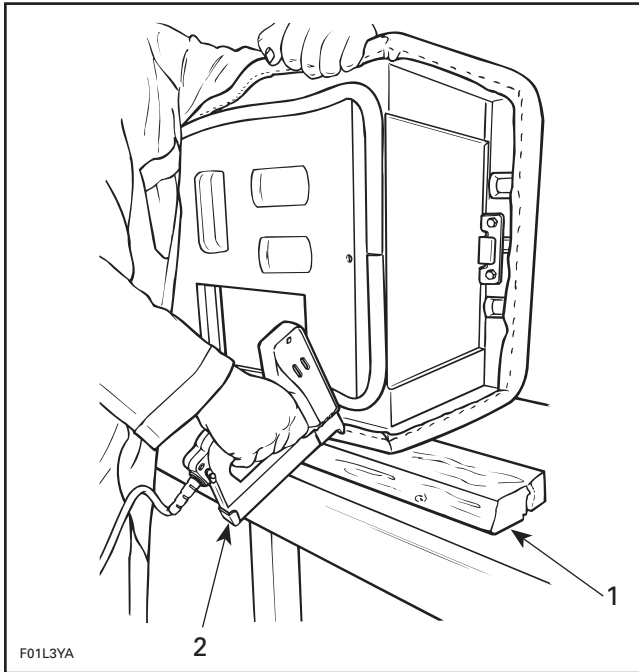
Install staples with an electric tacker such as Arrow tacker no. ETN-50 or with a manual tacker such as Arrow tacker no. T-50.

NOTE: For an easier installation, it's highly recommended to use an electric tacker.

Section 10 BODY/FRAME

Subsection 02 (BODY)

Ensure that the seat rest firmly against a hard surface such as a piece of wood. This is done to get the staples completely pushed in place.



TYPICAL

1. Piece of wood
2. ETN-50 (electric) or T-50 (manual)

After cover installation cut all around the excess of material.

SEAT CLEANING

It is recommended to clean the seat with a solution of **warm soapy water**, using a soft clean cloth.

CAUTION: Avoid use of harsh detergents such as strong soaps, degreasing solvents, abrasive cleaners, paint thinners, etc. that may cause damage to the seat cover.

DECALS REPLACEMENT

Removal

Using a heat gun warm up one end of decal for a few seconds until decal can roll off when rubbing with your finger.

Pull decal slowly and when necessary apply more heat to ease removal on the area that has to be peeled off.

If decal tears while pulling off, it has to be heated for a few seconds longer. If decal tends to stretch while pulling off, stop heating and wait a few seconds to let it cool, then peel it off.

Installation

There are 2 types of decals used on ATV. One has a protective film on back side and the other has a protective film on both sides. They are used on 2 types of materials; plastic and metal.

DECALS HAVING A PROTECTIVE FILM ON BACK SIDE ONLY

These decals usually contain written information (ex.: warning) and are used on metal.

Clean surface with a good solvent such as ACRYL-CLEAN DX 330 from PPG or equivalent (refer to manufacturer instructions).

Using a pencil and the decal as a template, mark the area where decal will be located.

Remove half of the decal back protective film and align decal with marks. Start sticking it from center and remove the other half of the film to stick it completely. Carefully squeegee decal beginning at center and working outward using, firm, short, overlapping strokes.

DECALS HAVING A PROTECTIVE FILM ON BOTH SIDES

These decals usually contain graphics and are used on plastic.

INSTALLATION ON PLASTIC

Clean surface with isopropyl alcohol.

Using a pencil and the decal as a template, mark the area where decal will be located.

Apply an activator (P/N 293 530 036) to prepare the surface using a clean cloth. After a few seconds, when the activator evaporates, the surface is ready.

CAUTION: Do not use soapy water to locate decal on plastic parts.

Remove back protective film from decal and carefully align decal with marks. When well aligned squeegee decal beginning at center and working outward using firm, short, overlapping strokes.

PLASTIC MAINTENANCE/REPAIR

MAINTENANCE

Clean the vehicle thoroughly, removing all dirt and grease accumulation.

To clean use a soft clean cloth and either soapy water or isopropyl alcohol.

To remove grease, oil or glue use isopropyl alcohol.

CAUTION: Do not apply isopropyl alcohol or acetone directly on decals.

CAUTION: The following products must not be used to clean or wax any of the plastic components used on the vehicles:

- gasoline
- brake fluid
- kerosene
- diesel fuel
- lighter fluid
- varsol
- naphtha
- acetone
- strong detergents
- abrasive cleaners
- waxes containing an abrasive or a cleaning agent in their formula.

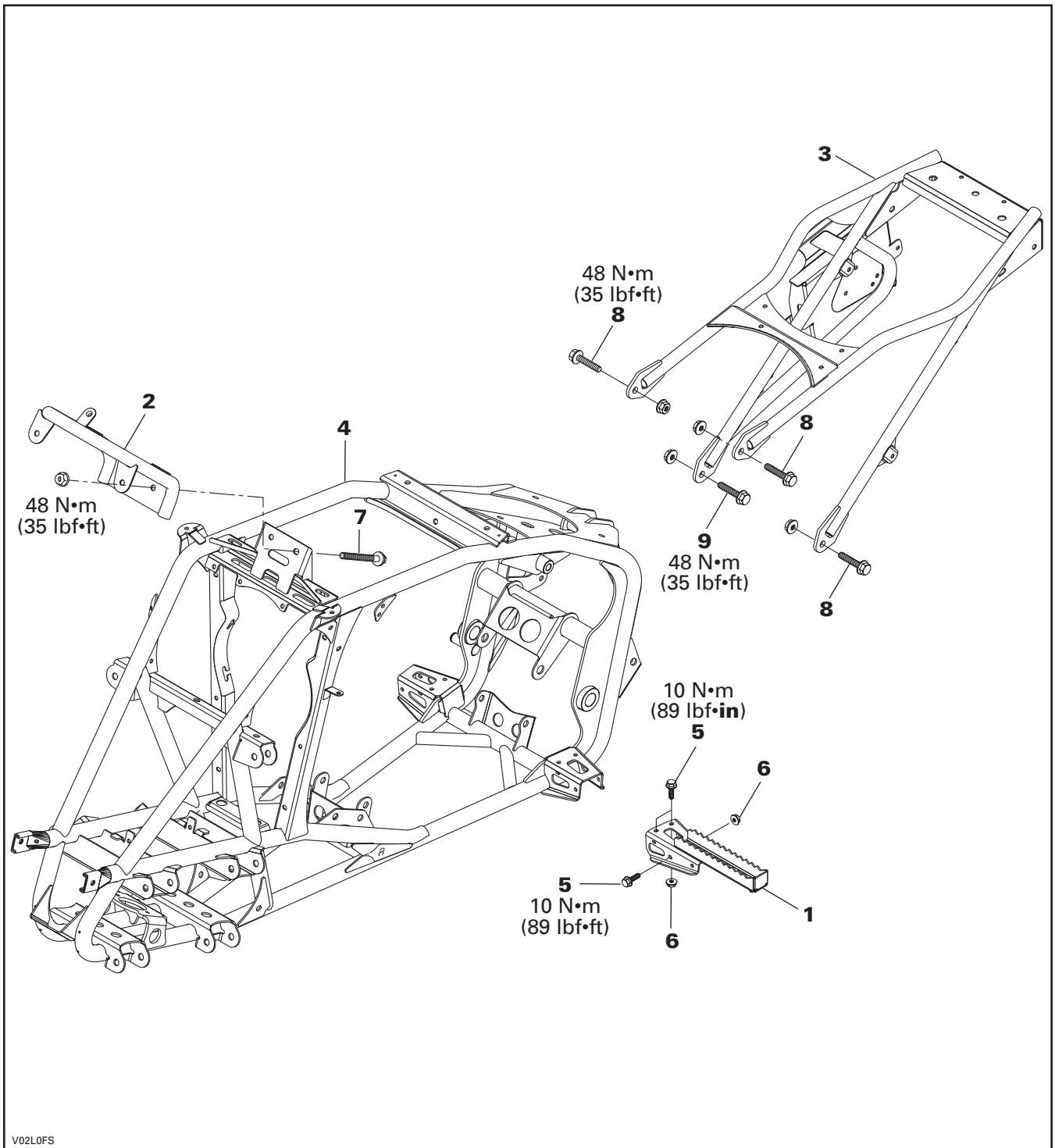
REPAIR

The very first step before repairing plastic materials is to find out exactly which type of material is involved. Refer to following chart.

CAUTION: Consult the plastic maintenance chart carefully, some maintenance products are not compatible with certain plastics.

PART	IRREPARABLE
- Fuel tank cover - Front fascia - Front and rear fender - Steering cover	HIGH DENSITY POLYETHYLENE
- Front skid plate - Foot protector - Skid plate (under vehicle)	LOW DENSITY POLYETHYLENE

FRAME



Section 10 BODY/FRAME

Subsection 03 (FRAME)

1, FOOTREST

Removal

Unfasten foot protector supports from footrest.

Remove mounting flanged bolts **no. 5** and flanged nuts **no. 6**.

Inspection

Check for cracks or bent plate. Change or repair if necessary.

Installation

Installation is essentially the reverse of removal procedure.

2, DASHBOARD SUPPORT

Removal

Remove:

- dashboard
- fuel tank (refer to FUEL CIRCUIT)
- headlight (refer to ACCESSORIES)
- handle bar
(refer to STEERING/CONTROL SYSTEM)
- half housing bolts **no. 7**, stopper plates, half housings and housing bushings retaining steering column
(refer to STEERING/CONTROL SYSTEM).

Pull out the dashboard support.

Inspection

Check for cracks or bent tube. Change or repair if necessary.

Installation

For installation, reverse the removal procedure.

3, REAR FRAME EXTENSION

Removal

Remove:

- rear fender (refer to BODY)
- battery and all wire attached to frame extension
- muffler (refer to REMOVAL AND INSTALLATION)
- rear shock absorber reservoir
(refer to REAR SUSPENSION)
- rear brake fluid reservoir
(refer to HYDRAULIC BRAKES)
- rear brake hose
- upper bolts of foot protectors supports
(refer to BODY)
- air intake silencer (refer to CARBURETOR AND AIR INTAKE SILENCER)
- starting solenoid
- brake light.

Unscrew bolts **nos. 8** and **9** retaining rear extension frame to the frame.

Inspection

Check for cracks, bent tube or other damage. Repair or change if necessary.

Installation

Installation is the reverse of removal procedure.

NOTE: On the RH side, the lower bolt **no. 9** must be installed with the head inside the frame.

4, FRAME

Removal

Remove all parts. Refer to the proper sections.

Installation

For installation, reverse the removal procedure.

Cleaning

Clean frame and rear extension frame with appropriate cleaners and rinse with high pressure hose.

Touch up all metal spots where paint has been scratched off. Spray all bare metal parts of vehicle with metal protector.

Welding

Steel Frame:

- electric welding
- amperage: 70 - 110 A
- voltage: 20 - 24 V
- rod: E-7014 (3/32 in).

CAUTION: Before performing electrical welding anywhere on the vehicle, unplug the electronic module. Also unplug the negative cable and the voltage regulator. This will protect the electronic module and battery against damage caused by flowing current when welding.

NOTE: Install the ground as close as possible from the reparation area.

CAUTION: If welding is to be done near plastic material, it is recommended to either remove the part from the area or to protect it with aluminum foil to prevent damage.