

|                                             |
|---------------------------------------------|
| <b>2006 Acura MDX</b>                       |
| 2003-06 ACCESSORIES & EQUIPMENT Frame - MDX |

## **2003-06 ACCESSORIES & EQUIPMENT**

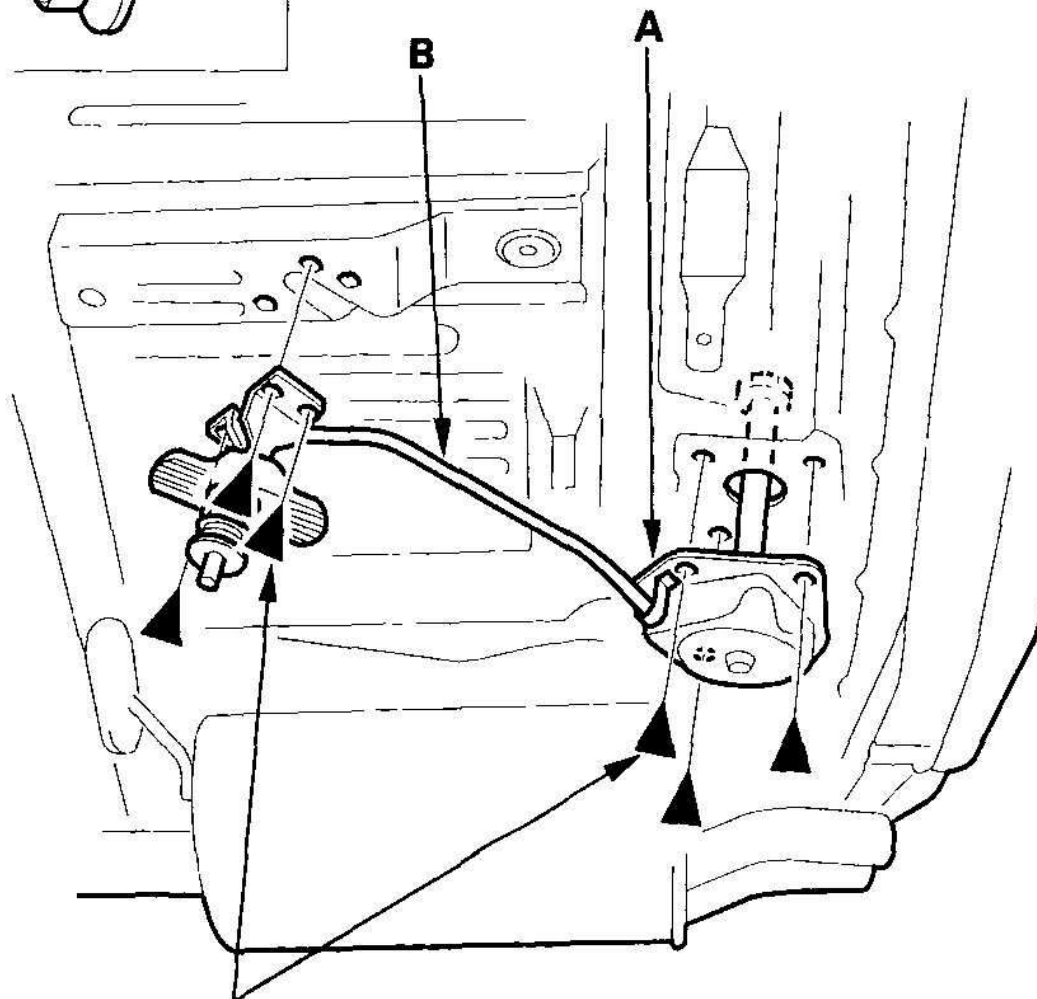
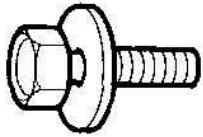
### **Frame - MDX**

## **SPARE TIRE HOIST REPLACEMENT**

1. Remove the spare tire.
2. Remove the bolts, then remove the spare tire hoist (A). Take care not to kink the cable (B).

## Fastener Locations

► : Bolt, 6



**8 x 1.25 mm**  
**22 N·m (2.2 kgf·m, 16 lbf·ft)**

G03641792

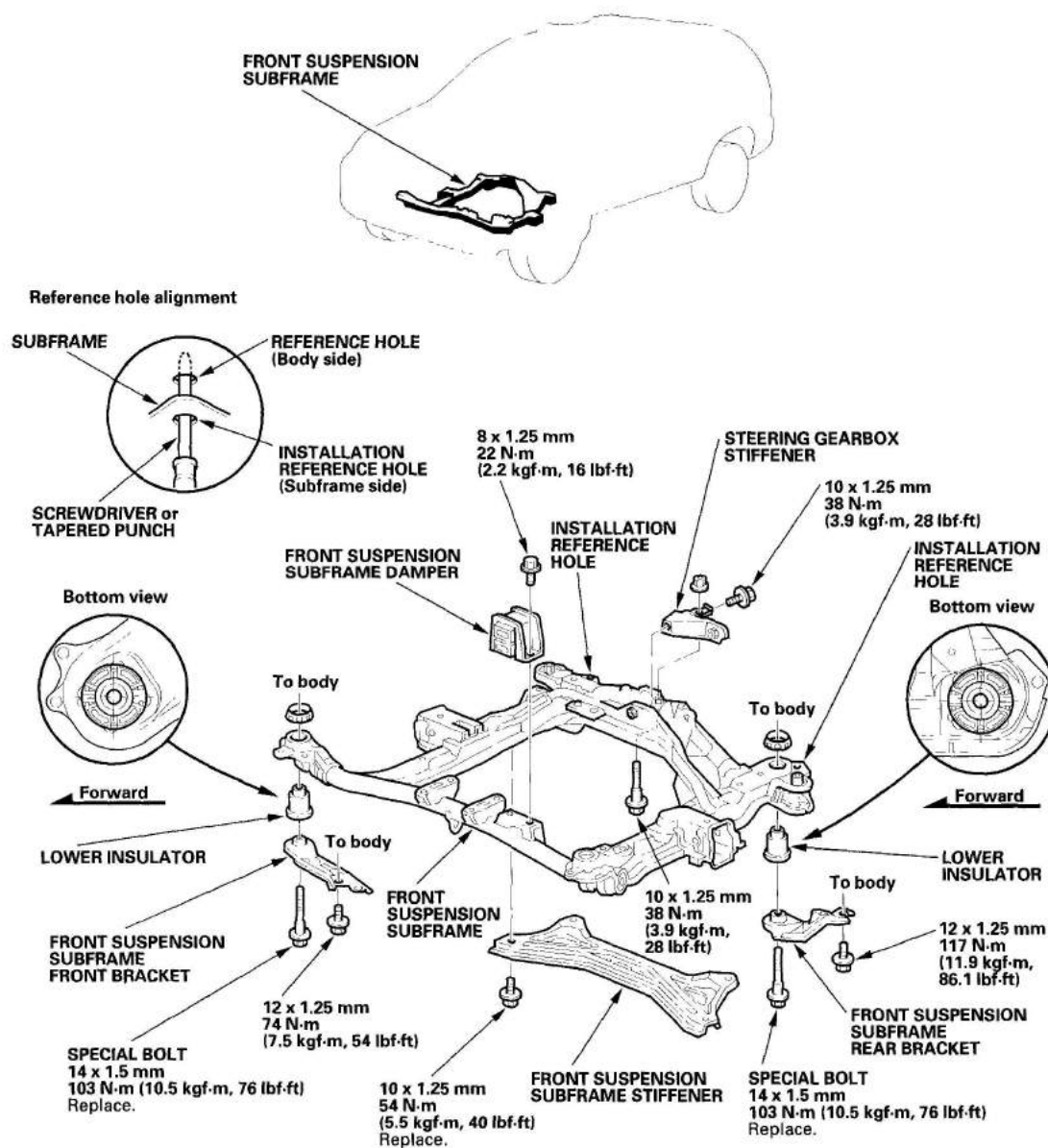
**Fig. 1: Removing Spare Tire Hoist**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Install the hoist in the reverse order of removal.

## FRONT SUBFRAME REPLACEMENT

### SUBFRAME TORQUE

After removing the subframe mounting bolts and front suspension subframe stiffener mounting bolts, be sure to replace them with new ones.



G03641793

**Fig. 2: Replacing Front Subframe**

Courtesy of AMERICAN HONDA MOTOR CO., INC.

## REAR SUBFRAME REPLACEMENT

### SUBFRAME TORQUE

After removing the subframe mounting bolts and bracket mounting bolts and nuts, be sure to replace them with new ones.

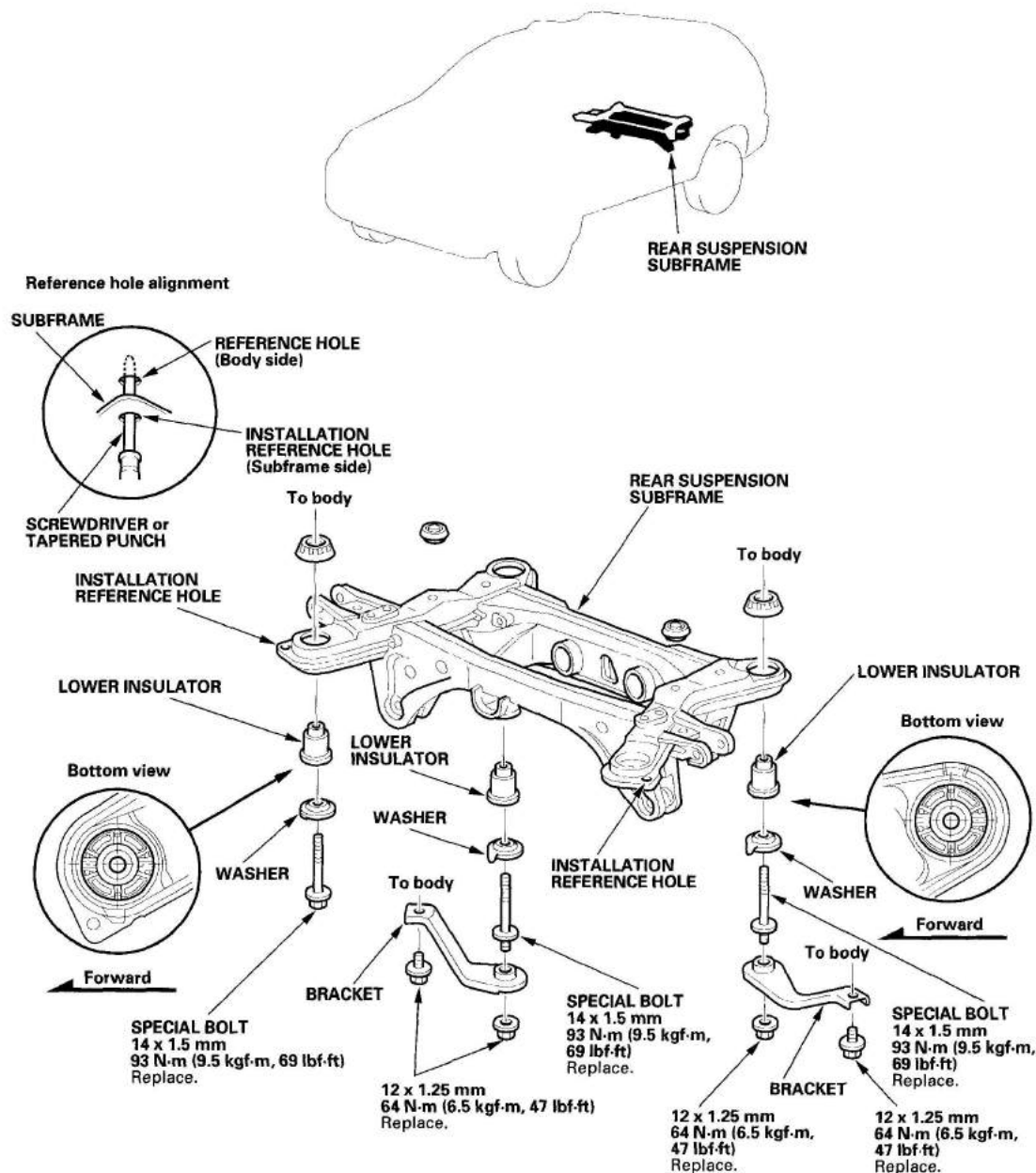


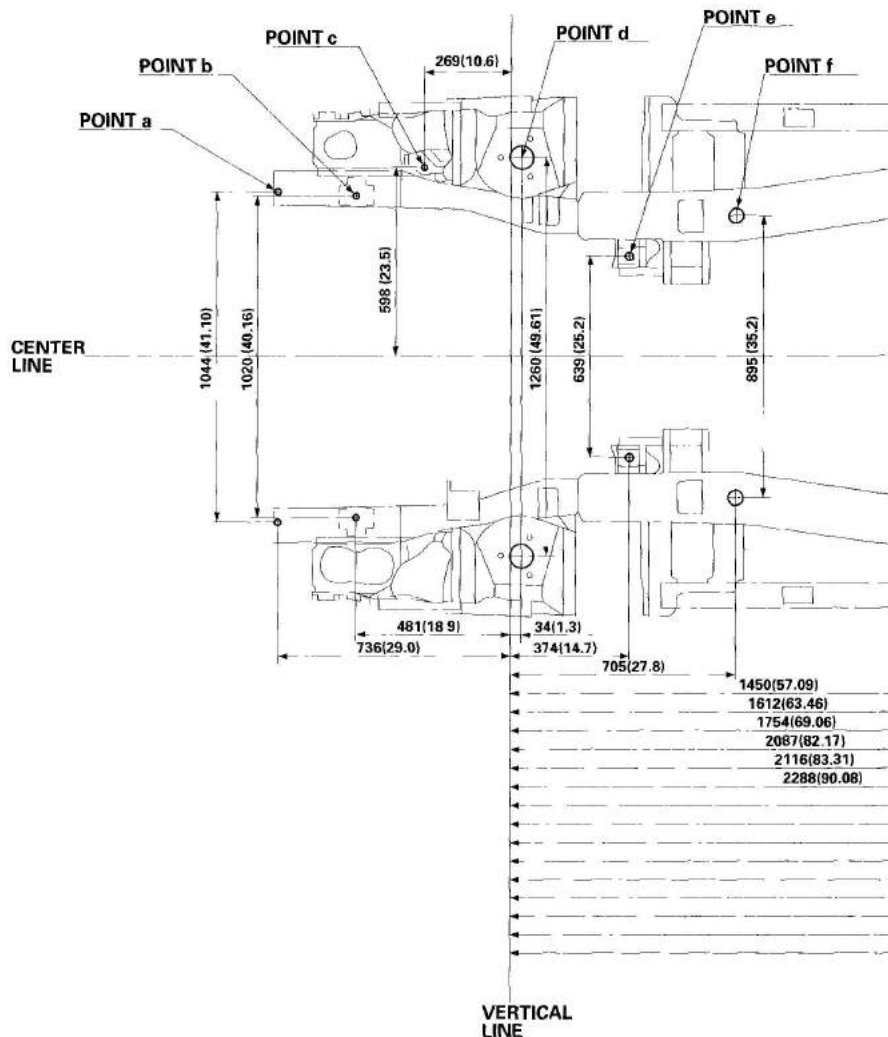
**Fig. 3: Replacing Rear Subframe**

Courtesy of AMERICAN HONDA MOTOR CO., INC.

**FRAME REPAIR CHART****TOP VIEW**

Unit: mm (in.)  
 ø: Inner diameter

- |   |                               |   |                                |
|---|-------------------------------|---|--------------------------------|
| a | For bumper beam ø11 (0.43)    | f | Locating hole ø28 (1.1)        |
| b | For front subframe ø15 (0.59) | g | For propeller shaft ø11 (0.43) |
| c | For engine mount ø11 (0.43)   | h | For fuel tank ø15 (0.59)       |
| d | Front damper center           | i | For fuel tank ø15 (0.59)       |
| e | For front subframe ø15 (0.59) | j | For suspension ø18 (0.71)      |



G03641795

**Fig. 4: Frame Repair Chart (Top View - 1 Of 2)**

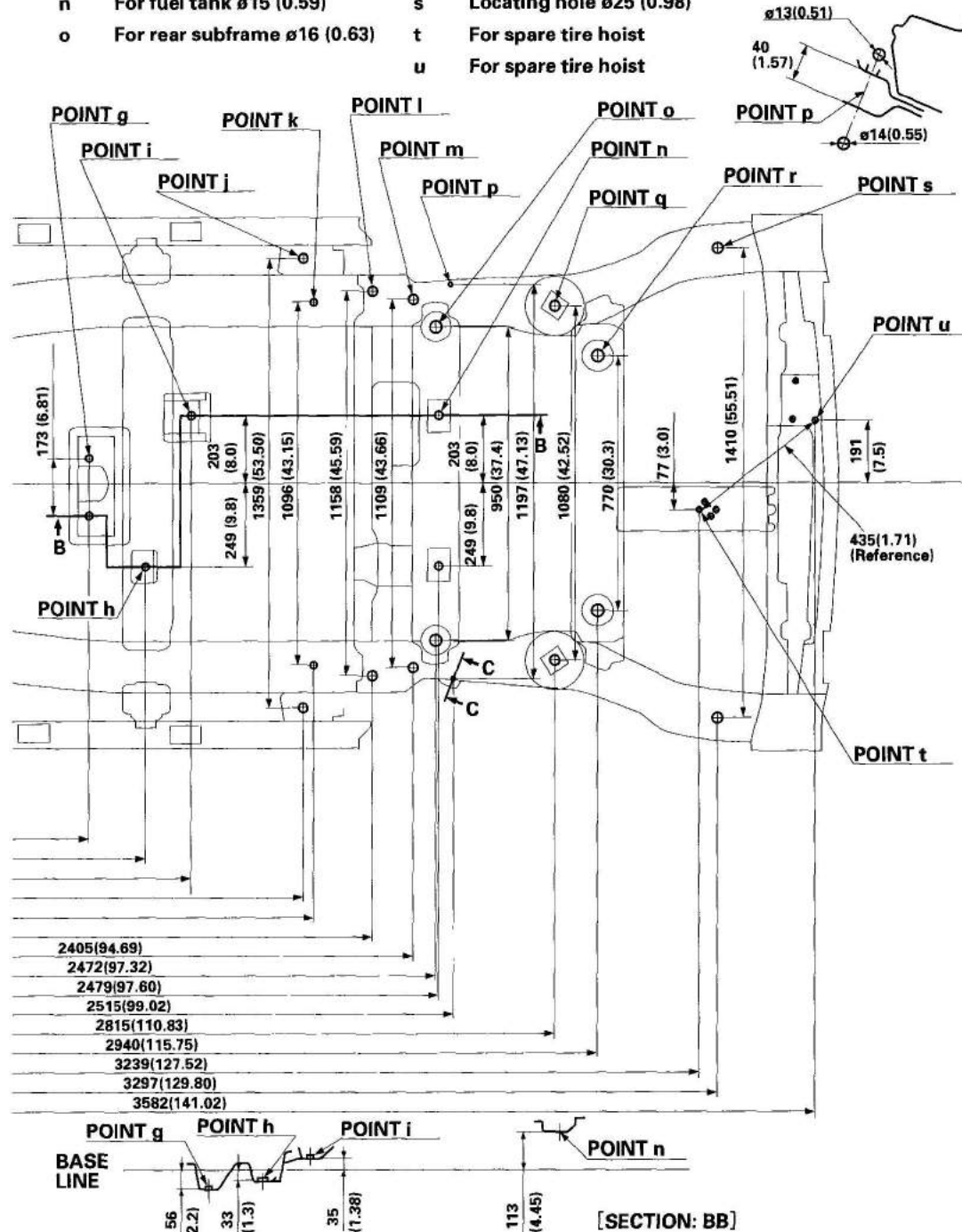
Courtesy of AMERICAN HONDA MOTOR CO., INC.

# 2006 Acura MDX

## 2003-06 ACCESSORIES & EQUIPMENT Frame - MDX

- |   |                                           |   |                                           |
|---|-------------------------------------------|---|-------------------------------------------|
| k | For suspension $\varnothing 18$ (0.71)    | p | Rear damper center                        |
| l | Locating hole $\varnothing 25$ (0.98)     | q | For suspension                            |
| m | Locating hole $\varnothing 25$ (0.98)     | r | For rear subframe $\varnothing 18$ (0.71) |
| n | For fuel tank $\varnothing 15$ (0.59)     | s | Locating hole $\varnothing 25$ (0.98)     |
| o | For rear subframe $\varnothing 16$ (0.63) | t | For spare tire hoist                      |
|   |                                           | u | For spare tire hoist                      |

[SECTION: CC]



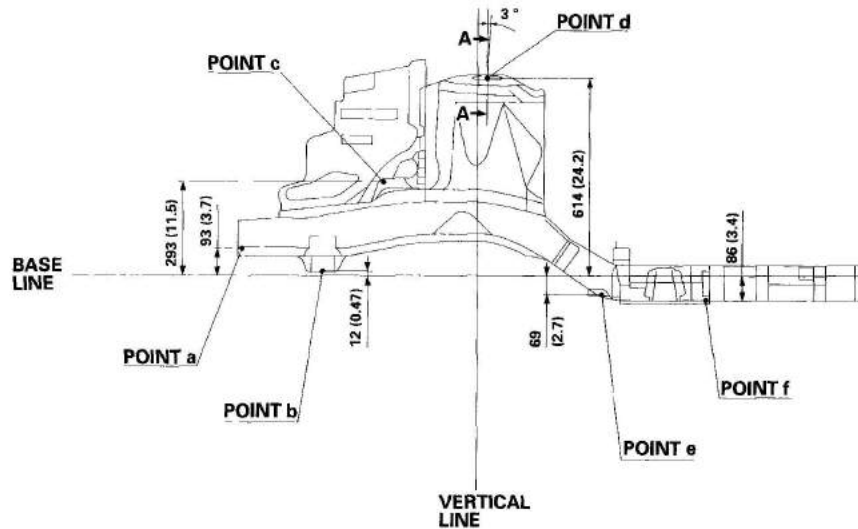
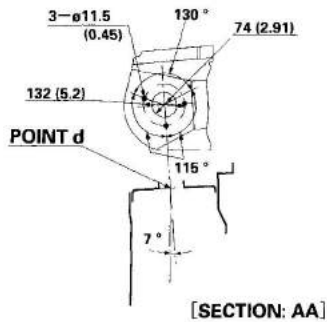
G03641796

Fig. 5: Frame Repair Chart (Top View - 2 Of 2)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

# SIDE VIEW

|                                |   |                                            |   |                                            |
|--------------------------------|---|--------------------------------------------|---|--------------------------------------------|
| Unit: mm (in.)                 | a | For bumper beam $\varnothing 11$ (0.43)    | e | For front subframe $\varnothing 15$ (0.59) |
| $\varnothing$ : Inner diameter | b | For front subframe $\varnothing 15$ (0.59) | f | Locating hole $\varnothing 28$ (1.1)       |
|                                | c | For engine mount $\varnothing 11$ (0.43)   | j | For suspension $\varnothing 18$ (0.71)     |
|                                | d | Front damper center                        | k | For suspension $\varnothing 18$ (0.71)     |



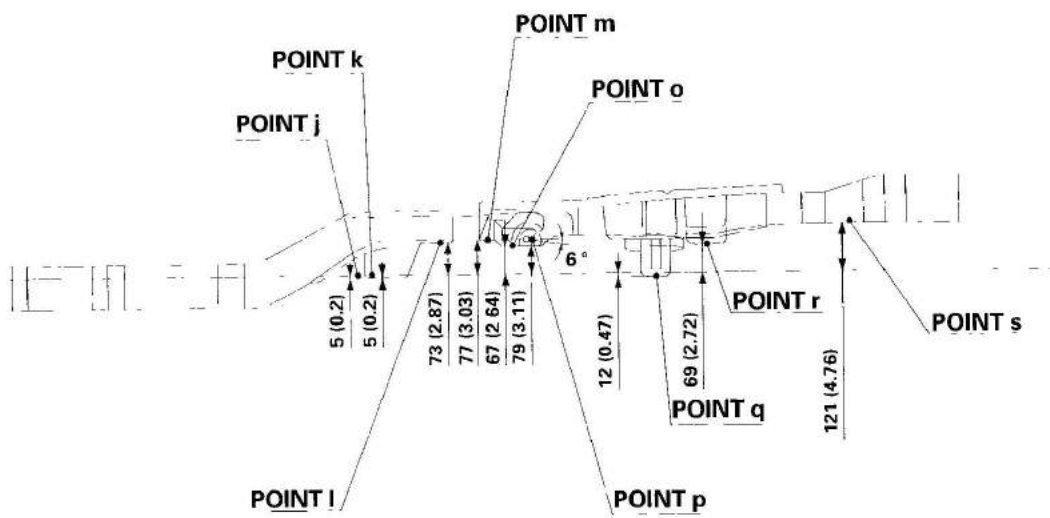
G03641797

**Fig. 6: Frame Repair Chart (Side View - 1 Of 2)**  
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

## 2006 Acura MDX

2003-06 ACCESSORIES & EQUIPMENT Frame - MDX

|   |                              |   |                              |
|---|------------------------------|---|------------------------------|
| l | Locating hole ø25 (0.98)     | q | For suspension               |
| m | Locating hole ø25 (0.98)     | r | For rear subframe ø18 (0.71) |
| o | For rear subframe ø16 (0.63) | s | Locating hole ø25 (0.98)     |
| p | Rear damper center           |   |                              |



G03641798

**Fig. 7: Frame Repair Chart (Side View - 2 Of 2)**  
 Courtesy of AMERICAN HONDA MOTOR CO., INC.