

$m \times v$ by Andy "Dijon" French

To the tune of *Ob-la-di, Ob-la-da* by
The Beatles

All chords relative to Capo 1st fret
Reggae style intro over A

A E
A pair of two tonne cars are driving down a road
E7 A
One is in the right lane, which is wrong
A D
If both are driving head-on, fifty miles per hour
A E A
How will their collision play along?

A E F#m7
 $m \times v, m \times v, \text{conserv-a!}$
A E A
Total mome--entum
A E F#m7
 $m \times v, m \times v, \text{conserv-a!}$
A E A
Total mome--entum

A E
An ideal gas, comes across a stiff old wall
E7 A
Bounces back e-lasticly
A D
Speed of separation, ain't changed at all
A E A
and the impulse to the wall is $2mv$

A E F#m7
 $m \times v, m \times v, \text{conserv-a!}$
A E A
Total mome--entum
A E F#m7
 $m \times v, m \times v, \text{conserv-a!}$
A E A
Total mome--entum

D A
But what happens if you keep, applying, force
Asus2 A A7
D A
 γmv prevents infinite speed of course
Asus2 A A7
D
Energy, relativisticly

A A/E A E
Is $\gamma mc^2, \gamma mc^2$

A E
A photon has momentum but, lacks a mass
E7 A
Electrons can be particles and waves
A D
de Broglie puts these together in a tight embrace
A E A
and rules how the Quantum world behaves

A E F#m7
 $m \times v, m \times v, \text{conserv-a!}$
A E A
Total mome--entum
A E F#m7
 $m \times v, m \times v, \text{conserv-a!}$
A E A
Total mome--entum

D A
Throw some jam and it probably will stick
Asus2 A A7
D
That's because there's no restitution
A A/E A E
It's ine-la---a-----stic

A E
A ten tonne tuck is driving fast down a road
E7 A
Hits a parked car along the way
A D
What happens next, can be known, precisely
A E A
Physics, tells us what to say:

A E F#m7
 $m \times v, m \times v, \text{conserv-a!}$
A E A
Total mome--entum
A E F#m7
 $m \times v, m \times v, \text{conserv-a!}$
A E A
Total mome--entum

Andy "Dijon" French June 2019

Ob-la-di Ob-la-da by The Beatles
In Chords

I'm pretty damn sure these are correct. It sounds just like this.
If you don't have a capo there is another version on this website that also sounds pretty good that doesn't require a capo.

[Here's what you need to know:]

A: X02220
E: 022100
E7: 022130
D: XX0232
F#m7: 242222
A7: X02020
Asus2: X02200
A/E: 002220

Play this with a capo on the first fret.

[Intro]

|A |A |A |A

[Verse]

A E
Desmond has a borrow in the market place,
E7 A
Molly is a singer in the band.
D
Desmond says to Molly, girl, I like your face
A E A
And Molly says this as she takes him by the hand,

[Chorus]

(A) E F#m7
Ob-La-Di, Ob-La-Da, life goes on__bra.
A E A
La-la how their life goes on.
(A) E F#m7
Ob-La-Di, Ob-La-Da, life goes on__bra.
A E A
La-la how their life goes on.

[Verse]

A E
Desmond takes a trolley to the jeweller's store.
E7 A
Buys a twenty carat golden ring.
D
Takes it back to Molly waiting at the door.
A E A
And as he gives it to her she begins to sing,

[Chorus]

(A) E F#m7
Ob-La-Di, Ob-La-Da, life goes on__bra.
A E A
La-la how their life goes on.
(A) E F#m7
Ob-La-Di, Ob-La-Da, life goes on__bra.
A E A
La-la how their life goes on.

[Verse]

D A Asus2 A A7
In a couple of years they have built a home sweet home.
D
With a couple of kids running in the yard,
A/E E
Of Desmond and Molly Jones.

A E
Happy ever after in the market place,
E7 A
Desmond lets the children lend a hand.
D
Molly stays at home and does her pretty face
A E A
And in the evening she still sings it with the band.

[Chorus]

(A) E F#m7
Ob-La-Di, Ob-La-Da, life goes on__bra.
A E A
La-la how their life goes on.
(A) E F#m7
Ob-La-Di, Ob-La-Da, life goes on__bra.
A E A
La-la how their life goes on.

D A Asus2 A A7
In a couple of years they have built a home sweet home.
D
With a couple of kids running in the yard,
A/E E
Of Desmond and Molly Jones.

A E
Happy ever after in the market place,
E7 A
Molly lets the children lend a hand.
D
Desmond stays at home and does his pretty face
A E A
And in the evening she's a singer with the band.

[Outro]

(A) E F#m7
Ob-La-Di, Ob-La-Da, life goes on__bra.
A E A
La-la how their life goes on.
(A) E F#m7
Ob-La-Di, Ob-La-Da, life goes on__bra.
A E F#m7
La-la how their life goes on.
And if you want some fun,
E A
Take Ob-La-Di-Bla-Da.